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United States
Department of
Agriculture

Marketing and
Regulatory
Programs

Agricultural
Marketing
Service

Livestock and Seed
Program

Items of Interest in Seed Control

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Spring 1998

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Seed Regulatory and Testing Branch
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SUBMITTING TREATED SEED

When submitting samples of treated seed for testing, please observe the following precautions:

- Seed sample should be in a non-porous container.
- Container should be marked with the word "Treated" or with the name of the treatment.
- Paperwork should include a copy of the treatment label or indicate the name(s) of the treatment as labeled.

This will enable our staff to handle the treated sample safely.

Occasionally we also receive a cereal grain, such as rye, with the distinct odor of insecticide. Because the sample is not dyed or labeled as treated, we presume that the submitting laboratory has added this to prevent further damage by grain weevils. When this is the case, we would like to know so that the sample can be handled appropriately by our staff.

UNSPECIFIED SEED TREATMENTS

We recently received a seed treatment label that read, in part, "Danger: Treated with one or more of the following: Captan, Maxim, Apron, Nu-Gro, and Lorsban at Manufacturers recommended rate. Do not use for Food, Feed, or Oil Purposes." That is unacceptable labeling under the Federal Seed Act (FSA). We do allow menu labeling if the specific seed treatment is shown, for instance, by checking or x-ing a block by the treatment name.

The FSA and its regulations require that treated seed be labeled to show the commonly accepted coined, chemical (generic), or an abbreviated chemical name of a treatment substance. Giving a list of treatments that might have been applied to the seed, but not clearly showing which one, does not comply with that requirement. Maxim, Apron, Nu-Gro, and Lorsban are proprietary names (brand names or trademarks) and may be shown only in addition to the commonly accepted coined, chemical, or abbreviated chemical names.

One of the purposes for clearly and precisely labeling seed treatments is safety considerations. If the specific treatment is not shown and an adverse reaction occurs to persons handling the seed, to livestock, or to the environment, then failure to label the treatment would delay corrective action.

PLANT VARIETY PROTECTION LABELING FOR NEWLY DEVELOPED VARIETIES

We recently had a question about Plant Variety Protection (PVP) labeling on a newly developed variety. Can a PVP statement be put on a newly developed variety before an application for protection is made to the PVP Office? Yes, we learned from the PVP Office. They confirmed that a statement such as "Unauthorized Seed Multiplication Prohibited - Plant Variety Protection Contemplated" could be used before application is made. This statement could not be used for more than one year because a variety can only be marketed for one year before the application for protection is made. After application is made and the PVP Office has acknowledged receipt of the application, a statement such as "Unauthorized Seed Multiplication Prohibited - U.S. Plant Variety Protection Applied For" can be used. The statement "PVP-94" should follow the "U.S. Plant Variety Protection Applied For" statement, if application is made under the PVP Act of 1994.

ASCONES MEETING

Seed Regulatory and Testing Branch (SRTB) Chief Jim Triplitt, Assistant Chief Richard Payne, and Seed Marketing Specialist Don Dreyer attended a meeting of the Association of Seed Control Officials of the Northeastern States (ASCONES) in Hagerstown, Maryland, on March 25, 1998.

Fourteen seed control and laboratory officials from DE, MD, NJ, PA, and WV attended. Dr. John Baylor, Executive Director of The Atlantic Seedsmen's Association (ASA), also attended. Each organization reported on its activities. A wide range of topics was also discussed. Dr. Baylor discussed the longtime working relationship between ASCONES and ASA and the need for good communications between the seed industry and seed regulators. The group discussed relabeling of carry-over certified seed including how best to handle "one-tag" (where analysis and certification agency information is on one label) certification situations. Dr. Payne of the SRTB gave presentations about testing methods for transgenic, herbicide-ready crops, and about the work of an Association of Official Seed Analysts seed count subcommittee that he chairs. He also discussed his activities with the International Seed Testing Association (ISTA) and the upcoming ISTA meeting that will be held in Africa in April. ASCONES President Joe Garvey (PA) updated the group on the efforts being made to insure undesirable grass seeds are correctly shown on lawn seed labels. Floyd Yoder and John Kegg (NJ) initiated a group discussion of how the states handle penalty actions; how they determine their fees, fines, and laboratory costs; and their position on test date versus sell by date labeling. Marjorie McCutcheon and Joyce Cochran (WV) discussed the newly amended West Virginia seed law. Both WV and NJ now have undesirable grass seed regulation as part of their laws. Malcolm Sarna (MD) led a discussion of brand labeling. The group also discussed seed treatments, treatment definitions, and what constitutes a seed treatment.

UNDESIRABLE GRASS SEED

A provision of the FSA involves enforcement of the noxious-weed seed law of each State. Some States define undesirable grass seeds as noxious-weed seeds in lawn and turf seed products. Therefore, undesirable grass seeds are enforced as noxious-weed seeds under the FSA.

As the name states, undesirable grass seeds are grass seeds that, for whatever reason, are undesirable in a particular use. An example might be that one does not want orchardgrass in a lawn that is a turf-type perennial ryegrass and red fescue mixture. In other words, for this particular usage orchardgrass is undesirable.

Undesirable grass seed testing and labeling seem to be misunderstood. Often, seed laboratories do not test for undesirable grass seeds as part of an all-states noxious-weed seed examination. When an "*all-states*" noxious examination is done, undesirable grass seeds are noxious-weed seeds and should be shown as such. If undesirable grass seeds are not included in the all-states noxious-weed examination, the test report should make it **absolutely clear** that the sample was not tested for undesirable grass seeds. Whether this is accomplished by giving the test another title or by some other means must be decided by the laboratories and their clients. As the situation currently exists, some seed companies are interpreting an all-states noxious examination as always having been tested for undesirable grass seeds. Conversely, **small notations that say the seed was not tested** for undesirable grass seeds **are being overlooked** and seed is being shipped into States that do

regulate undesirable grass seeds. Both of these scenarios pose the potential for serious problems.

Another issue that arises is that seed kinds that are undesirable grass seeds are shown under the other crop seed section of a seed test rather than as a noxious-weed seed. Since they are grass seeds, many seed people tend not to think of undesirable grass seed in terms of being a noxious-weed seed. If a test shows undesirable grass seeds in the other crop seed section and you are going to label and ship the seed to a State that enforces undesirable grass seed, the undesirable grass seeds should be labeled as noxious-weed seeds.

A SEED SOAK PROCEDURE FOR TESTING SOYBEANS TOLERANT TO ROUNDUP™ (GLYPHOSATE)

In the Fall 1996 issue of Items of Interest in Seed Control, we summarized a testing procedure that the Testing Section of the SRTB developed to test soybean varieties for resistance to glyphosate herbicides. The SRTB has evaluated an alternative procedure developed by the Arkansas State Plant Board Seed Laboratory that shortens the duration of the test. The procedure we used for conducting this test is described below:

Seed Imbibition

Moisten germination towels with water as you would for use in a soybean germination test. We found it convenient to use 16 by 12 inch towels (regular weight). Place 2 layers of towels on a flat surface and plant 25 seeds. Cover the seeds with two additional germination towels and roll or fold the towels as for a germination test. Four sets of towels are bound together with rubber bands and each set of 4 towels is placed upright in an 8 by 14 inch plastic bag. The sets of towels are placed in an approximately 25°C germinator for 18 to 20 hours to initiate imbibition (swelling and softening of seeds). Light intensity is not a critical factor, but the length of the imbibition period may affect the test results among various seed lots.

Seed Soak

Examine the imbibed seeds and discard any hard, moldy, or broken seeds before placing (gently) 50 seeds in a 100 mm petri dish. Immediately add about 25 ml of 1,000 ppm glyphosate solution to each dish. This amount should nearly cover the seeds. We have completed tests with both a powdered technical product of highest purity from the manufacturer and with a commercial liquid formulation containing 0.96 percent active ingredient. A 1.0 percent active ingredient is equal to 10,000 ppm. We used 100 ml of the liquid Roundup™ plus 900 ml of water. A 100 percent active ingredient is diluted to 1,000 ppm by using 1g per liter. (The concentration may depend on the glyphosate formulation available. Higher concentrations--up to 3600 ppm--have been suggested when using other formulations.) Allow the imbibed seeds to soak for at least 1 hour at room temperature. Include a water soak to compare to the test sample.

Replanting

Drain most of the solution from the petri dishes, and using protective gloves, replant the seeds, 25 seeds per towel (same towels as used for imbibing). The seeds should be placed about 1 or 2 inches from the top edge of the towels. Return the planted seeds (4 sets of rolled towels per plastic bag) to a 25°C germinator. Make observations on the fourth day after the soak treatment.

Evaluation

Susceptible seedlings are identified by a significantly shortened primary root without the development of secondary roots. Tolerant seedlings should show almost no effect of the seed soak and have long primary roots with many secondary roots.

We are currently evaluating a similar test for corn varieties that are resistant to the herbicide Liberty™. Look for that report in our next issue of Items of Interest in Seed Control.

RYEGRASS FLUORESCENCE LIST

Since our last listing of the National Grass Variety Review Board (NGVRB) ryegrass fluorescence list, the NGVRB has made several changes and additions. The most recent information is from the February 28, 1998, NGVRB list. Perennial ryegrass varieties and experimental designations Archer, A7 White, Charger II, Mardi Gras, Pearl, Saturn II, Sonata, Vivid, and WVPB have been added. Additionally, C-21, Catalina, Headstart, Palmer III, and Prelude III are now variety names and no longer listed as experimental designations.

<u>Perennial Ryegrass Variety Name</u>	<u>Percent Varietal Fluorescence</u>	<u>Perennial Ryegrass Variety Name</u>	<u>Percent Varietal Fluorescence</u>	<u>Perennial Ryegrass Variety Name</u>	<u>Percent Varietal Fluorescence</u>
246	0.27%	Fiesta II	1.14%	Reveille	2.00%
2CB	1.97%	Gator	0.88%	Riviera II	1.08%
856	0.87%	Gettysburg	2.74%	Riviera	0.58%
89-90	2.15%	Greenland	1.20%	Roadrunner	2.53%
90-14 ¹	7.12%	Grimalda	2.00%	Rodeo II	2.47%
A7 White ¹	2.19%	Headstart	2.09%	Saturn II	0.85%
Academy	2.33%	Imagine	1.31%	Seville	0.33%
Accent	0.56%	ISI-R2 (R2) ¹	1.25%	Sherwood	1.08%
Accolade	4.83%	ISI-RUPR (Gator II) ¹	2.50%	Shining Star	0.10%
Accord	4.08%	Koos 90-2 ¹	3.85%	Sonata	1.20%
Achiever	0.93%	Laredo ¹	0.53%	SR 4100	0.37%
Advent	0.14%	Legacy	0.37%	SR 4200	0.34%
Affinity	0.77%	Lindsay	1.72%	Stallion Select	2.37%
Agresso	2.00%	Line Drive	2.72%	Stardance	1.90%
All Star	0.47%	Linn	5.00%	Statesman II	3.10%
Allaire II	1.15%	Lowgrow	1.31%	Statesman	1.27%
APM	0.59%	LRF-94-B7E ¹	0.65%	Target	3.28%
Aquarius	0.97%	LRF-94-C7 ¹	0.80%	Tonga	11.53%
Archer	1.51%	LRF-94-C8 ¹	0.64%	Top Hat	0.77%
Assure	0.72%	Lynx	4.19%	Topeka	2.34%
Bedford	1.40%	Magic	1.21%	Vantage	2.19%
Blackhawk	1.17%	Majesty	1.59%	Vivid	1.24%
Blazer III	1.18%	Manhattan 3	0.88%	Wind Star	0.47%
Boardwalk	2.72%	Manhattan II	0.65%	Wizard	2.57%
Breeze	1.57%	Mardi Gras	1.07%	WVPB ¹	3.84%
Brightstar	1.79%	Morningstar	0.87%	Yorktown III	1.42%
Brightstar II	2.24%	Mulligan	1.86%		
Buccaneer	2.01%	Navajo	0.37%	Annual	Percent
C-21	6.28%	Newlinn	5.85%	Ryegrass	Varietal
Caliente	0.74%	NightHawk	1.39%	<u>Variety Name</u>	<u>Fluorescence</u>
Calypso	1.29%	Nobility	3.26%	Florida 80	98.89%
Calypso II	0.47%	Nomad	1.03%	Grazer	99.78%
Catalina	3.18%	Nova	1.00%	Gulf	99.02%
Cathedral	0.85%	Omega 3	0.73%	Jackson	98.80%
Chaparral	1.62%	Omni	0.51%	Magnolia	*
Charger II	0.54%	Pageant	2.22%	Marshall	96.00%
Charisma	2.39%	Palmer II	1.51%	Rio ¹	98.97%
Chatham ¹	2.11%	Palmer III	0.23%	Surrey	98.91%
Citation III	0.96%	Palmer	1.04%	TAM 90	98.45%
Commander	1.02%	Passport	1.06%		
Cutter	1.65%	Patriot II	0.42%	¹ Experimental Designation and/or	
Dancer	0.78%	Pearl	1.86%	Variety	
Dandy	2.00%	Pegasus ¹	2.41%		
Delaware Dwarf	0.61%	Pennant II	1.63%		
Derby Supreme	2.85%	Pennant	0.50%	* Exempt from varietal fluorescence	
Dillon	4.14%	Pick PR 15-91 (Jiffie) ¹	6.06%	testing calculations.	
Divine	3.09%	Pleasure	1.42%		
Edge	1.73%	PR8820	0.79%		
Elegance	1.51%	Prelude III	0.59%		
Elf	0.75%	Prelude II	2.25%		
Elite	4.84%	Prelude	1.72%		
Envy	0.22%	Prizm	0.71%		
Equal	1.98%	Quickstart	0.18%		
Evening Shade	1.17%	Regency	0.99%		
Excel	1.53%	Repell II	1.56%		
Express	1.00%	Repell	0.33%		

FEDERAL SEED ACT CASES SETTLED

The following cases were settled administratively under the FSA between January 1 and March 31, 1998. Under the administrative settlement procedure, the SRTB and the firms agreed to settle the cases for the amount specified with the firms neither admitting nor denying the charges:

- Barenbrug USA, Tangent, OR, has paid \$3,600 for a case involving 9 shipments of seed. The alleged violations, while not the same for all shipments, were false labeling as to purity, as to being a single seed kind, as to the rate of occurrence of a noxious-weed seed, as to variety name, and as to the germination percentage of a seed component in a mixture; and failure to label required information for a mixture component, to show the presence of a noxious-weed seed, and to test for germination within the prescribed time prior to interstate shipment. Seed regulatory officials in Arizona, Kentucky, Maryland, and Texas cooperated in the initial sampling and inspection.
- Dorsing Seeds, Inc., Nyssa, OR, has paid \$900 for a case involving 2 shipments of seed. The alleged violations, while not the same for both shipments, were false labeling as to variety name, failure to show required labeling for a varietal mixture, and failure to keep required records. Seed regulatory officials in Maryland and North Carolina cooperated in the initial sampling and inspection.
- Medalist America, Albany, OR, has paid \$2,400 for a case involving 6 shipments of seed. The alleged violations, while not the same for all shipments, were false labeling of noxious-weed seeds, false labeling of purity, failure to label the presence of noxious-weed seeds, failure to keep required records, and failure to show the shipper's code or name and address. Seed regulatory officials in Maryland and Virginia cooperated in the initial sampling and inspection.
- Royal Seeds, Salem, OR, has paid \$600 for a case involving 2 shipments of seed. The alleged violations, while not the same for both shipments, were failure to label the presence of a noxious-weed seed and false pure seed labeling. Seed regulatory officials in Maryland cooperated in the initial sampling and inspection.
- Western Hybrid Seeds, Inc., Hamilton City, CA, has paid \$1,000 for a case involving 5 shipments of seed. The alleged violations, while not the same for all shipments, were false variety and germination labeling. Seed regulatory officials in Texas and Virginia cooperated in the initial sampling and inspection.

List of
Plant Variety Protection
Certificates

PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
ALFALFA				ALFALFA			
5151	Pioneer Hi-Bred International, Inc.			Answer	Agripro Seeds, Inc.		
5246	Pioneer Hi-Bred International, Inc.		Y	Apollo II	Agripro Seeds, Inc.		
5252	Pioneer Hi-Bred International, Inc.			Arrow	Agripro Seeds, Inc.		
5262	Pioneer Hi-Bred International, Inc.			Arroyo	Plant Genetics, Inc.		
5311	Pioneer Hi-Bred International, Inc.			Atlas	Agripro Seeds, Inc.		
5312	Pioneer Hi-Bred International, Inc.			Baron	Agripro Seeds, Inc.		
5331	Pioneer Hi-Bred International, Inc.			Capital	Pioneer Hi-Bred International, Inc.		
5333	Pioneer Hi-Bred International, Inc.			Chief	W-L Research, Inc.		
5364	Pioneer Hi-Bred International, Inc.		Y	Cimarron	Great Plains Research Company, Inc.		
5373	Pioneer Hi-Bred International, Inc.			Cimarron VR	Thaddeus H. Busbice		
5432	Pioneer Hi-Bred International, Inc.			Crockett	Northrup King Company		
5444	Pioneer Hi-Bred International, Inc.			Cut 'N' Graze	University of Georgia Research Foundation, Inc.		Y
5454	Pioneer Hi-Bred International, Inc.			Dart	Agripro Seeds, Inc.		
5472	Pioneer Hi-Bred International, Inc.			Diamond	Agripro Seeds, Inc.		
5683	Pioneer Hi-Bred International, Inc.			Endure	Agripro Seeds, Inc.		
5715	Pioneer Hi-Bred International, Inc.			Expo	Agripro Seeds, Inc.		
5888	Pioneer Hi-Bred International, Inc.			Flint	Agripro Seeds, Inc.		
Advantage.	Agripro Seeds, Inc.			Granada	Plant Genetics, Inc.		
Alfagraze	University of Georgia Research Foundation, Inc.			GT-13R Plus	Agripro Seeds, Inc.		
Allegiance	United AgriSeeds, Inc.	Y (*)		Hasawi +	Agripro Seeds, Inc.		
Allstar	W-L Research, Inc.			Hi-Phy	Forage Seeds International	Y (2)	
				Legend	FFR Cooperative	Y (2)	
				Magnum	Vista Research		
				Magnum III	Dairyland Seed Company, Inc.	Y (2)	
				Maverick	Dairyland Seed Company, Inc.	Y (2)	
				Mohawk	Agripro Seeds, Inc.		
			Y	MultiKing 1	Cornell University		
				Nitro	Agricultural Experiment Station		
				Olympic	Northrup King Company		
					Minnesota Agricultural Experiment Station and USDA-ARS	Y (2)	
					Agripro Seeds, Inc.		

(*) No limit to the number of generations of certified seed beyond breeders seed.

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ALFALFA							
Oneida VR	Cornell University Agricultural Experiment Station	Y (2)		Big Heart XR-1 Emerald Imperial Star	Big Heart Seed Tom G. Kurupas Farming The Regents of the University of California	Y (2) Y (2)	
PRO-CUT							
Rere	W-L Research, Inc. Crop Research Division / New Zealand DSIR			ASTER, CHINA Pot 'N Patio Violet Blue	W. Atlee Burpee Company		
Salute	United AgriSeeds, Inc.	Y (2)		BAHIA GRASS Tifton 9	USDA-ARS	Y (2)	
Sapphire	Agripro Seeds, Inc.			BARLEY			
Spredor 2	Northrup King Company		Y	400	Northrup King Company		
Spredor 3	Northrup King Company			401	Northrup King Company		
Sutter	Plant Genetics, Inc.			409	Northrup King Company	Y (3)	
SW 14	S&W Seed Company			425	Northrup King Company		
Thunder	Agripro Seeds, Inc.			560	Northrup King Company		
Trident	Agripro Seeds, Inc.			Apex	Cebeco Zaden B.V.	Y (3)	
Vector	Plant Genetics, Inc.			B1201	Busch Agricultural Resources, Inc.	Y (3)	
Viking 1	Northrup King Company			B1202	Busch Agricultural Resources, Inc.	Y (3)	
Voris A77	Agripro Seeds, Inc.			B1203	Busch Agricultural Resources, Inc.	Y (3)	
Vortex	Plant Genetics, Inc.			B1215	Resources, Inc.	Y (3)	
Webfoot	Michigan State University	Y (2)		B1601	Busch Agricultural Resources, Inc.	Y (3)	
WL 225	W-L Research, Inc.	Y (*)		B1602	Resources, Inc.	Y (3)	
WL 252 HQ	W-L Research, Inc.		Y	B1603	Busch Agricultural Resources, Inc.	Y (3)	
WL 315	W-L Research, Inc.			B1614	Resources, Inc.	Y (3)	
WL 316	W-L Research, Inc.			B2027	Busch Agricultural Resources, Inc.	Y (3)	
WL 317	W-L Research, Inc.				Busch Agricultural Resources, Inc.		Y
WL 320	W-L Research, Inc.	Y (*)		B2601	Busch Agricultural Resources, Inc.	Y (3)	
WL 322 HQ	W-L Research, Inc.			B2912	Resources, Inc.	Y (3)	
WL 457	W-L Research, Inc.	Y (*)			Busch Agricultural Resources, Inc.		
WL 516	W-L Research, Inc.		Y		Resources, Inc.		
WL 525 HQ	W-L Research, Inc.	Y (*)			Busch Agricultural Resources, Inc.	Y (3)	
WL 605	W-L Research, Inc.	Y (2)			Busch Agricultural Resources, Inc.		
Wrangler	Nebraska Agricultural Experiment Station and USDA-ARS				Resources, Inc.		
York	Plant Genetics, Inc.				Busch Agricultural Resources, Inc.	Y (3)	
ALKALIGRASS, WEEPING					Resources, Inc.		
Fults	NK Lawn and Garden Company				Busch Agricultural Resources, Inc.	Y (3)	
Salty	Lofts Seed, Inc.		Y	B3213	Resources, Inc.		Y
ARTICHOKE					Resources, Inc.		

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BARLEY				BARLEY		
B4311	Busch Agricultural Resources, Inc.		Y	Idagold	Y (2)	
B7098	Busch Agricultural Resources, Inc.		Y	Lindy	Y (3)	
Baronesse	Peterson Seed Company, Inc.		Y	Logan	Y (3)	Y
				Max	Y (3)	
Bellona	Cebeco Zaden B.V.	Y (3)		Merlin		Y
Birka	W. Weibull AB	Y (3)				
Bounty	P. Thomas Wymore	Y (2)		Moravian 14		Y
Bridger-82	Agripro Seeds, Inc.	Y (3)		Mucho	Y (3)	
Bumper	Busch Agricultural Resources, Inc.	Y (3)				
Callao	Virginia Agricultural Experiment Station	Y (3)	Y	Nomini	Y (3)	
Camargue	Sharpes International Seeds Limited	Y (3)		Onda	Y (3)	
Camelot	MMG Agriseed	Y (3)		Pamunkey	Y (3)	
Chilton	Wisconsin Agricultural Experiment Station	Y (2)		Pennbar 66	Y (2)	
Chinook	Montana Agricultural Experiment Station	Y (3)	Y	Pennco	Y (3)	
Chopper	Wisconsin Agricultural Experiment Station	Y (2)				
Citation	Plant Breeders 1, Inc.			Piston	Y (3)	
Columbia	Western Plant Breeders, Inc.	Y (*)		Poco	Y (3)	
Corniche	Sharpes International Seeds Limited	Y (3)		Premier	Y (3)	
Duel	Busch Agricultural Resources, Inc.	Y (3)		Robust	Y (3)	
Efron	Cebeco Zaden B.V.	Y (3)		Rollo	Y (3)	
Excel	Minnesota Agricultural Experiment Station	Y (3)		Royal	Y (3)	
Falcon	Alberta Agriculture Research Institute	Y (3)	Y	Selway	Y (3)	
Fiesta	Western Plant Breeders, Inc.	Y (*)		Semira	Y (3)	
Galena	Adolph Coors Brewing Company	Y (3)		Seven	Y (3)	
				Spirit	Y (3)	
				Stander	Y (3)	
				Starling	Y (3)	Y

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BARLEY				BEAN, FIELD			
Sunstar Double	Sunderman Breeding Inc.	Y (3)		Amber	Rogers Brothers Seed Company		
Sunstar Prince	Sunderman Breeding Inc.	Y (3)			Seminis Vegetable Seeds, Inc.		
Tambar 500	Texas Agricultural Experiment Station	Y (2)		Anchor	Rogers NK Seed Company		
Teton	Agripro Seeds, Inc.	Y (3)		Auburn	Seminis Vegetable Seeds, Inc.		
Triumph	Sharpes International Seed Ltd.	Y (3)		Avanti	Michigan State University	Y (2)	
Virtue	Svalof AB	Y (3)		Aztec	Rogers Brothers Seed Company		
Walker	Utah Agricultural Experiment Station	Y (3)		Beryl	Colorado State University	Y (3)	
WestBred 501	Western Plant Breeders, Inc.	Y (*)		Bill Z	Michigan State University	Y (2)	
WestBred Barcott	Western Plant Breeders, Inc.	Y (*)		Blackhawk	Gen-Tec Seeds, Limited	Y (2)	
WestBred Gustoe	Western Plant Breeders, Inc.	Y (*)		Blackjack C-20	Michigan Agricultural Experiment Station	Y (1)	
WestBred Medallion	Western Plant Breeders, Inc.	Y (*)		Camelot	Rogers NK Seed Company		
WestBred Sprinter	Western Plant Breeders, Inc.	Y (*)		Chinook	Michigan State University	Y (2)	Y
WestBred Waxbar	Western Plant Breeders, Inc.	Y (*)		Cinnabar	Rogers NK Seed Company		
Westford	Western Plant Breeders, Inc.	Y (*)		Cran 09	Gentec, Inc.	Y (2)	
Winchester	Western Plant Breeders, Inc.	Y (*)		Crestwood	Gentec, Inc.	Y (2)	
BASIL				D81126	Rogers NK Seed Company		
Purple Ruffles	W. Atlee Burpee Company			D83043	Rogers NK Seed Company		
Sweet Dani	Purdue Research Foundation			Drake	Seminis Vegetable Seeds, Inc.		
BEAN, FIELD				Ebony	Wilbur-Ellis Company	Y (3)	
Agassiz	Rogers NK Seed Company			Ember	Rogers NK Seed Company		
Agate	Rogers Brothers Seed Company			Etna	Seminis Vegetable Seeds, Inc.		
Agri-I	Agri Sales, Inc. and Gentec, Inc.	Y (2)		Felspar	Rogers Brothers Seed Company		
Albion	National Seed Development Organization Ltd.			Fiesta Pinto	Leslie L. Dean	Y (2)	
Alpine	Michigan State University	Y (2)		Flint	Rogers NK Seed Company		
				Foxfire	Rogers NK Seed Company		
				Garnet	Rogers Brothers Seed Company		
				Guardian	Rogers NK Seed Company		
				Harris	Nebraska Agricultural Experiment Station	Y (3)	
				Horizon	Seminis Vegetable Seeds, Inc.		

(*) No limit to the number of generations of certified seed beyond breeders seed.

PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
BEAN, FIELD				BEAN, FIELD			
Ivory	Rogers Brothers Seed Company			UI 137	University of Idaho	Y (3)	
Lark	Seminis Vegetable Seeds, Inc.			UI 537	University of Idaho	Y (3)	
Lassen	Agri Sales, Inc.	Y (3)		UI 686	University of Idaho	Y (3)	
Marquis	Rogers NK Seed Company			UI 722	University of Idaho	Y (3)	
Mayflower	Michigan State University	Y (2)		UI 906	University of Idaho	Y (3)	
Midland	Seminis Vegetable Seeds, Inc.			Vista	Gen-Tec Seeds, Limited	Y (3)	
Midnight	Cornell University	Y (2)		Wesland	Seminis Vegetable Seeds, Inc.	Y (2)	
Norstar	Agricultural Experiment Station			Zircon	Rogers Brothers Seed Company		
Northland	NDSU Research Foundation	Y (3)	Y	BEAN, GARDEN			
Opal	Seminis Vegetable Seeds, Inc.			Acclaim	Seminis Vegetable Seeds, Inc.		
Pilgrim	Rogers Brothers Seed Company			Accord	van Waveren Pflanzenzucht GmbH.		
Prize	Wilbur-Ellis Company	Y (3)		Allure	Seminis Vegetable Seeds, Inc.		
Pulsar	Gen-Tec Seeds, Limited	Y (2)		Ambassador	Rogers Seed Company		Y
RNK 354	Wilbur-Ellis Company	Y (3)		Amity	van Waveren Pflanzenzucht GmbH.		
Rocket	Rogers NK Seed Company			Applause	Seminis Vegetable Seeds, Inc.		
RS 101	Seminis Vegetable Seeds, Inc.			Atlantic	Seminis Vegetable Seeds, Inc.		
Santiago	Ronald D. and Leta L. Seacat	Y (2)		Axel	Vilmorin, S.A.		
Sapphire	Rogers Seed Co.		Y	B169	Seminis Vegetable Seeds, Inc.		
Schooner	Rogers Brothers Seed Company			BBL 110	Rogers NK Seed Company		
Sierra	Rogers NK Seed Company			BBL 156	Rogers NK Seed Company		
Snowball	Michigan State University	Y (2)		Beeline	Harris Moran Seed Company		
Spinel	Wilbur-Ellis Company	Y (2)		Benton	Gallatin Valley Seed Company		
Starlight	Rogers Brothers Seed Company			Biscayne	Seminis Vegetable Seeds, Inc.		
Stinger	University of Nebraska	Y (3)		Blazer	Rogers Brothers Seed Company		
Topaz	Agricultural Research Division			Blue Duet	Harris Moran Seed Company		
	Seminis Vegetable Seeds, Inc.			Blue Knight	Harris Moran Seed Company		
	Rogers Brothers Seed Company			Blue Ridge	Harris Moran Seed Company		

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.)	KIND PVPA	VARIETY	APPLICANT	TITLE V 1994 (GEN.)	PVPA
BEAN, GARDEN Bluepak	Rogers Brothers Seed Company			BEAN, GARDEN DMC 06-39	Del Monte Corporation		
Bounty	Harris Moran Seed Company			DMC 08-01	Del Monte Corporation		
Brio	Seminis Vegetable Seeds, Inc.			DMC 08-02	Del Monte Corporation		
Broker's Choice	Rogers Brothers Seed Company			DMC 08-47	Del Monte Corporation		
Bronco	Seminis Vegetable Seeds, Inc.			DMC 08-52	Rogers NK Seed Company		
Burly	Rogers Brothers Seed Company			Duchess	Bakker Brothers of Idaho, Inc.		
Bush Kentucky Wonder 125	Musser Seed Company, Inc.			Early Sunray	Rogers Brothers Seed Company		
Bush Romano 350	Rogers NK Seed Company			Empress	Rogers Brothers Seed Company		
Bush Romano 635	Rogers NK Seed Company			Endurance	Rogers Seed Company		
Caesar	Harris Moran Seed Company			Envy	Harris Moran Seed Company		
Calgreen	Rogers NK Seed Company			Epoch	Wilbur-Ellis Company		
Castel	Vilmorin, S.A.			Espada	Harris Moran Seed Company		
Celtic	Rogers NK Seed Company			Eureka	Seminis Vegetable Seeds, Inc.		
Crest	Seminis Vegetable Seeds, Inc.			Evergreen	van Waveren Pflanzenzucht GmbH.		
Crossville	Harris Moran Seed Company			EZ Harvest	Rogers Brothers Seed Company		
Dandy	Rogers Brothers Seed Company			EZ Pick	Rogers Brothers Seed Company		
Derby	Harris Moran Seed Company			Fesca	Nunhems Zaden B.V.		
DMC 04-01	Del Monte Corporation			Flamata	Royal Sluis B.V.		
DMC 04-04	Del Monte Corporation			Flatbush	Harris Moran Seed Company		
DMC 04-14	Del Monte Corporation			Flaveol	Royal Sluis B.V.		
DMC 04-19	Del Monte Corporation			Flevoro	Seminis Vegetable Seeds, Inc.		
DMC 04-33	Del Monte Corporation		Y	Flo	Seminis Vegetable Seeds, Inc.		
DMC 04-34	Del Monte Corporation			Frenchy	Royal Sluis B.V.		
DMC 04-59	Del Monte Corporation			Gentry	Rogers NK Seed Company		
DMC 04-60	Del Monte Corporation			Gold Mine	Seminis Vegetable Seeds, Inc.		
DMC 04-61	Del Monte Corporation			Goldie	Rogers Brothers Seed Company		
DMC 04-88	Del Monte Corporation			Goldkist	Rogers Brothers Seed Company		
DMC 04-94	Del Monte Corporation			Gourmet	Royal Sluis B.V.		
DMC 06-01	Del Monte Corporation						
DMC 06-23	Del Monte Corporation						
DMC 06-26	Del Monte Corporation		Y				

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
BEAN, GARDEN Hialeah Homestyle	Harris Moran Seed Company Seminis Vegetable Seeds, Inc.			BEAN, GARDEN Mustang	Seminis Vegetable Seeds, Inc.		
Hystyle Impact	Harris Moran Seed Company Seminis Vegetable Seeds, Inc.			Nelson	Holland-Select Research B.V.		
Irina	van Waveren Pflanzenzucht GmbH.			Nerina Nickel	Royal Sluis B.V. Vilmorin, S.A.		
Jade Javelin Jumbo	Rogers NK Seed Company Harris Moran Seed Company Gallatin Valley Seed Company			Nomara Opus	Royal Sluis B.V. Seminis Vegetable Seeds, Inc.		
Kentucky Blue Label Labrador	Rogers NK Seed Company Vilmorin, S.A. Seminis Vegetable Seeds, Inc.			Ovation Peak	Royal Sluis B.V. Seminis Vegetable Seeds, Inc.		
Latemar	Seminis Vegetable Seeds, Inc.			Pierre Podsquad	Harris Moran Seed Company Seminis Vegetable Seeds, Inc.		
Laureat	Seminis Vegetable Seeds, Inc.			Primo Producer Profit Maker	Harris Moran Seed Company Harris Moran Seed Company Rogers Brothers Seed Company		
Legion	Seminis Vegetable Seeds, Inc.			Prosperity Quest Rapids Rushmore	Harris Moran Seed Company Harris Moran Seed Company Harris Moran Seed Company Seminis Vegetable Seeds, Inc.		Y Y
Lodi	Seminis Vegetable Seeds, Inc.			Satin Savor Score Sentry	Harris Moran Seed Company Harris Moran Seed Company Harris Moran Seed Company Seminis Vegetable Seeds, Inc.		
Lute Magnum	Royal Sluis B.V. Seminis Vegetable Seeds, Inc.			Seville Shamrock	Rogers NK Seed Company Rogers Brothers Seed Company		
Masai Matador	Rogers Seed Co. Seminis Vegetable Seeds, Inc.		Y	Shannon	Rogers Brothers Seed Company		
Mikado	Rogers Brothers Seed Company			Shore Slenderella Slenderwax Slimgym	Harris Moran Seed Company Harris Moran Seed Company Musser Seed Company, Inc. Gallatin Valley Seed Company		
Milano Minidoka Mirada Miriad Modus Monaco	Harris Moran Seed Company Rogers NK Seed Company Rogers Seed Company Harris Moran Seed Company Nunhems Zaden B.V. Holland-Select Research B.V.		Y				

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.)	KIND PVPA	VARIETY	APPLICANT	TITLE V 1994 (GEN.)	PVPA
BEAN, GARDEN Sprout	Seminis Vegetable Seeds, Inc.			Dompe 95 Maffei 15 Maffei 57	Ben Fish and Son Agri Sales, Inc. L. D. Maffei Seed Company, Inc. L. D. Maffei Seed Company, Inc. Harris Moran Seed Company		
Stiletto Summit Sundial Sunrae Surfing	Harris Moran Seed Company Rogers NK Seed Company Harris Moran Seed Company Rogers NK Seed Company Mitsui Toatsu Chemicals, Inc.			Maffei 8 Packers BEAN, MUNG Mungking I BEET, SUGAR NK-152	King Grain, Inc. Hokkaido National Agricultural Experiment Station		
Surfing F	Mitsui Toatsu Chemicals, Inc.	Y (3)					
Tanta Tema	Wilbur-Ellis Company Seminis Vegetable Seeds, Inc.						
Tempest Tenderlake Teseo Tess	Harris Moran Seed Company Harris Moran Seed Company Rogers Seed Co. Seminis Vegetable Seeds, Inc.	Y		BENTGRASS, COLONIAL Grasslands Egmont SR 7100	Grasslands Division / New Zealand DSIR Seed Research of Oregon, Inc.	Y (1)	
Toga Tornado Trend Trueblue Venture	Harris Moran Seed Company Harris Moran Seed Company Royal Sluis B.V. Harris Moran Seed Company Rogers Brothers Seed Company			BENTGRASS, CREEPING 18th Green Cato Cobra Crenshaw National Pennlinks ProCup	University of Manitoba Texas Agricultural Experiment Station International Seeds, Inc. Texas A & M University Pickseed West Inc. Pennsylvania Agricultural Experiment Station Forbes Seed and Grain, Inc.	Y (2) Y (2) Y (2)	Y
Vilbel Volare	Vilmorin, S.A. Seminis Vegetable Seeds, Inc.						
Wax 216 Wax Romano 82264 Win	Rogers NK Seed Company Rogers NK Seed Company Seminis Vegetable Seeds, Inc.			Providence Putter Regent SOUTHSHORE SR 1020	University of Rhode Island Jacklin Seed Company Barenbrug USA - Marketing Division Lofts Seed, Inc. Seed Research of Oregon, Inc.		
Wrangler Yukon	Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds, Inc.						
BEAN, GARDEN SHELL Buttergreen BEAN, LIMA	Seminis Vegetable Seeds, Inc.			BENTGRASS, RED TOP Barracuda BERMUDAGRASS	Baker Seed Company	Y (2)	Y

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
Cheyenne Guymon	J.R. Simplot Company Oklahoma Agricultural Experiment Station and USDA-ARS	Y (2)	Y	BLUEGRASS, KENTUCKY Eclipse	New Jersey Agricultural Experiment Station Jacklin Seed Company		
Lancaster NuMex SAHARA	Max W. Lancaster New Mexico Crop Improvement Association	Y (3)		Freedom Gemar	Idaho Agricultural Experiment Station Lofts Seed, Inc.	Y (2)	
Primavera Sonesta Sundevil	Seeds West, Inc. Seeds West, Inc. J.R. Simplot Company			Georgetown Ginger	Idaho Agricultural Experiment Station	Y (2)	
BLUEGRASS, KENTUCKY			Y	Greenley	Idaho Agricultural Experiment Station	Y (2)	
A82-208 A83-865 Able I Alene	Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Idaho Agricultural Experiment Station	Y (2)		Huntsville Ikone	Jacklin Seed Company L. C. Nungesser K.G., West Germany		
Alpine Amazon America Ampellia Apart Apex Argyle Aspen	Pickseed West Inc. Svalof AB International Seeds, Inc. Cebeco Zaden B.V. Zelder B.V. W. Weibull AB Heart Seed Company, Inc. NK Lawn and Garden Company			Indigo Julia Liberty Limousine	Pickseed West Inc. Van Engelen Zaden B.V. Jacklin Seed Company		
Asset Barblue Barsweet Bartitia Blacksburg Blue Star Bronco Challenger Classic Cocktail Columbia Cynthia	D.J. van der Have B.V. Barenbrug Holland B.V. Barenbrug Holland B.V. Barenbrug Holding Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pickseed West Inc. Pure-Seed Testing, Inc. Jacklin Seed Company D.J. van der Have B.V. Pure-Seed Testing, Inc. Mommesteeg International B.V.	Y (3) Y (3)		Livingston Lofts 1757 Midnight Minstrel Mystic Nassau	Deutsche Saatveredelung Lippstadt - Bremen GmbH Pure-Seed Testing, Inc. Lofts Seed, Inc. Pure-Seed Testing, Inc. D.J. van der Have B.V. Lofts Seed, Inc. Lofts Seed, Inc. and Jacklin Seed Company	Y (2) Y (3) Y (2)	
Dawn Destiny	Jacklin Seed Company Jacklin Seed Company			NuBlue NuStar Opal Ronde Shamrock Shasta SR 2000 SR 2100 Suffolk Trenton	Jacklin Seed Company J.R. Simplot Company W. Weibull AB Idaho Agricultural Experiment Station LESCO Inc. Pure-Seed Testing, Inc. Seed Research of Oregon, Inc. Seed Research of Oregon, Inc. Lofts Seed, Inc. & Jacklin Seed Company NK Lawn and Garden Company	Y (3) Y (2)	Y Y

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	TITLE V (GEN.)	1994 PVPA
BLUEGRASS, KENTUCKY Unique Washington	Pure-Seed Testing, Inc. Jonathan Green and Sons, Inc. and Cascade International Seed Company			Deborah BROMEGRASS, THREADY Grasslands Gala		Y
BLUEGRASS, ROUGH Colt Darkhorse Laser Polder	Pure-Seed Testing, Inc. Pickseed West Inc. Lofts Seed, Inc. Mommersteeg International B.V.		Y	BUCKWHEAT Winsor Royal BUFFALOGRASS Bison		Y (2)
BLUEGRASS, SUPINA Supranova	Saatzucht Steinach GmbH.			Topgun Turfmaster UCHL-1		
BLUESTEM, BIG Niagara	Research Corporation Technologies, Inc. and USDA-ARS	Y (2)		CALENDULA Orange Gitana		Y (3)
BROCCOLI Independence	Scattini Seeds, Inc.			CAPER SPURGE Chico		
BROCCOLI (F1) Decathlon Nomad Triathlon	Sakata Seed Corporation Sakata Seed Corporation Sakata Seed Corporation		Y Y Y	CARROT Texas Gold Spike		
BROCCOLI RAAB D'Arrigo 130	D'Arrigo Brothers Company of California		Y	CAULIFLOWER Alverda		
D'Arrigo 63	D'Arrigo Brothers Company of California		Y			
D'Arrigo No. 502	D'Arrigo Brothers Company of California			Andes Aspen		Y (*)
D'Arrigo No. 905	D'Arrigo Brothers Company of California			Blizzard Blue Diamond Campoverde		
BROME, SHORT Vineyard and Orchard (V&O) - Type One	Craig Carlton Dremann & Susan Jo Dremann dba Redwood City Seed Company		Y			
BROMEGRASS, SMOOTH Badger	Agrecol Corporation			Cervina K-TEE		
BROMEGRASS, SWEET						
	L. Daehnfeldt, Inc.					
	Pyne Gould Guinness Ltd. and New Zealand Pastoral Agriculture Research Institute Ltd.					
	Winsor Grain, Inc.					
	Oklahoma Agricultural Experiment Station and USDA-ARS					
	Bamert Seed Company Bamert Seed Company The Regents of the University of California					
	Zaadteelt en Zaadhandel Hem B.V.					
	Wilbur A. or Eva M. Henderson					
	Texas Agricultural Experiment Station					
	Sunglow and Rijk Zwaan Zaadteelt en Zaadhandel B.V.					
	Royal Sluis B.V. Rijk Zwaan Zaadteelt en Zaadhandel B.V.					
	Rogers NK Seed Company Harris Moran Seed Company Sunglow and Rijk Zwaan Zaadteelt en Zaadhandel B.V.					
	Royal Sluis B.V. Tanimura and Antle, Inc.					

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVP	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVP
Minaret	Sunglow and Rijk Zwaan Zaadteelt en Zaadhandel B.V.			Grasslands Puna	Grasslands Division / New Zealand DSIR	Y (3)	
Ostrea	Rijk Zwaan Zaadteelt en Zaadhandel B.V.			CHRYSANthemum Applause Bronze Shades	Harris Moran Seed Company		
Senator	Rijk Zwaan Zaadteelt en Zaadhandel B.V.			Applause Lavender Shades	Harris Moran Seed Company		
SG 111	Sluis and Groot Research			Applause White Shades	Harris Moran Seed Company		
Silver Stream	Rijk Zwaan Zaadteelt en Zaadhandel B.V.			Applause Yellow Shades	Harris Moran Seed Company		
Snowcone	Zaadhandel B.V.						
Triton	Harris Moran Seed Company			Santana	Dr. E. Sahin	Y (*)	
Vernon	Rijk Zwaan Zaadteelt en Zaadhandel B.V.			CLOVER, BERSEEM Bigbee			
White Fox	Royal Sluis B.V.				Mississippi Agricultural and Forestry Experiment Station and USDA-ARS		
White Rock	Sluis and Groot Research						
White Satin	Sluis and Groot Research						
White Summer	Sluis and Groot Research			CLOVER, CRIMSON Flame	Florida Agricultural Experiment Station	Y (3)	
CELERY							
Bishop	Harris Moran Seed Company			CLOVER, RED Cherokee	Agricultural Experiment Station University of Florida		Y
Deacon	Harris Moran Seed Company						
Gene's Gem 11-7	A. Duda and Sons, Inc.				Agripro Seeds, Inc.		
Hercules	Harris Moran Seed Company			Y Redland II Renegade Ruby	International Seeds, Inc. Dairyland Seed Company, Inc.	Y (2)	
Hill's Special	A. Duda and Sons, Inc.						
James Abe	Bud Antle, Inc.				Dairyland Seed Company, Inc.		
Matador	Pybas Vegetable Seed Company, Inc.			Scarlett			Y
Napolean	Bud Antle, Inc.				Northrup King Company	Y (2)	
Peto 285	Petoseed Company, Inc.						
Promise	The Regents of the University of California	Y (3)		Tristan CLOVER, STRAWBERRY Fresa			
Rocket	Royal Sluis, Koninklijke Zaaizaadbedrijven				New Mexico Crop Improvement Association	Y (3)	
SV 1	Gebroeders Sluis, B.V.			CLOVER, WHITE Aran			
T & A Pride	Seaview Growers, Inc.				Germinal Holdings Ltd., U.K.		
T&A Special Celery	Tanimura and Antle, Inc.			Legendary Good Luck	Agricultural Experiment Station, University of Florida	Y	
-1	Tanimura and Antle, Inc.						
Ventura	Harris Moran Seed Company			Mineooha	Tohoku National Agricultural Experiment	Y (1)	Y
CHICORY							

(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND	TITLE V	1994	KIND	TITLE V	1994
VARIETY	(GEN.)	PVPA	VARIETY	(GEN.)	PVPA
APPLICANT	APPLICANT		APPLICANT	APPLICANT	

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)		1994 PVPA	KIND VARIETY			
						1994 PVPA	KIND VARIETY					
Star	Station, Ministry of Agriculture, Forestry and Fisheries	Y (2)		CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
Will	Idaho Agricultural Experiment Station North Carolina	Y (3)		CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
COREOPSIS, PERENNIAL	Agricultural Research Service and USDA-ARS			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
Early Sunrise	W. Atlee Burpee Company			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
CORN, FIELD	Cargill, Inc.			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
11430	United AgriSeeds, Inc.			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
1538	Pioneer Hi-Bred International, Inc.			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
207	Cargill, Inc.			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
2369	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
29MIBZ2	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
2FACC	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
2FADB	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
2MA22	DeKalb-Pfizer Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
2MCDB	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
3IBZ2	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
3IIH6	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
3IJI1	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
4676A	DeKalb-Pfizer Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
4N506	Funk Seeds International, Inc.			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
5707	Asgrow Seed Company			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
6103	Asgrow Seed Company			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
6F545	DEKALB Genetics Corporation			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
6F629	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
6M502	DeKalb-Pfizer Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
6M502A	DEKALB Plant Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
740	Northrup King Company			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
764	Northrup King Company			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
778	Northrup King Company			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
779	Northrup King Company			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
78002A	DeKalb-Pfizer Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787
78004	DeKalb-Pfizer Genetics			CORN, FIELD	DeKalb-Pfizer Genetics	Y	78010		DeKalb-Pfizer Genetics			
										78371A		
											78551S	
												787

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(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
CORN, FIELD				CORN, FIELD			
CL614	DowElanco		Y	IBO14	DeKalb-Pfizer Genetics		1994
CQ702rc	United AgriSeeds, Inc.			IBO2	DeKalb-Pfizer Genetics		PVPA
CQ715	DowElanco		Y	ICI 193	ZENECA Ltd.		
CQ806	United AgriSeeds, Inc.		Y	ICI 441	Zenco (No. 4) Limited		
CR14	J.C. Robinson Seed Company			ICI 740	Zenco (No. 4) Limited		
				ICI 893	ZENECA Ltd.		
CR1HT	J.C. Robinson Seed Company			ICI 986	Zenco (No. 4) Limited		
CS405	United AgriSeeds, Inc.			ICI581	Zenco (No. 4) Limited		
CS608	United AgriSeeds, Inc.			J8606	Northrup King Company		
DJ7	Edward J. Funk & Sons, Inc.			KW7691	Kleinwanzlebener Saatzucht AG		Y
E8501	Northrup King Company			L 127	Lifaco Seed Corporation		
F118	DEKALB Plant Genetics			L 135	Lifaco Seed Corporation		
F274	DEKALB Genetics Corporation		Y	L 139	Lifaco Seed Corporation		
F42	FFR Cooperative			L 155	Limagrain Genetics Corp.		
FAPW	DeKalb-Pfizer Genetics			L163	Limagrain Genetics Corp.		
FBHJ	DeKalb-Pfizer Genetics			L222	Limagrain Genetics Corp.		
FBLA	DEKALB Plant Genetics			LH119	Holden's Foundation Seeds, Inc.		
FBLI	DEKALB Plant Genetics			LH123HT	Holden's Foundation Seeds, Inc.		
FBPN	DEKALB Genetics Corporation		Y	LH127	Holden's Foundation Seeds, Inc.		
G35	Pioneer Hi-Bred International, Inc.			LH128	Holden's Foundation Seeds, Inc.		
G39	Pioneer Hi-Bred International, Inc.			LH132	Holden's Foundation Seeds, Inc.		
G50	Pioneer Hi-Bred International, Inc.			LH143	Holden's Foundation Seeds, Inc.		
G80	Pioneer Hi-Bred International, Inc.			LH145	Holden's Foundation Seeds, Inc.		
H8431	Northrup King Company			LH146Ht	Holden's Foundation Seeds, Inc.		
HB8229	DEKALB Plant Genetics			LH149	Holden's Foundation Seeds, Inc.		
HBA1	DeKalb-Pfizer Genetics			LH150	Holden's Foundation Seeds, Inc.		
IBB14	DEKALB Plant Genetics				Holden's Foundation Seeds, Inc.		
IBB15	DeKalb-Pfizer Genetics				Holden's Foundation Seeds, Inc.		
IBC2	DeKalb-Pfizer Genetics				Holden's Foundation Seeds, Inc.		
IBH9	DEKALB Genetics Corporation		Y	LH156	Holden's Foundation Seeds, Inc.		

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	TITLE V (GEN.)	1994 PVPA	APPLICANT
CORN, FIELD LH159			CORN, FIELD LH189Ht			Holden's Foundation Seeds, Inc.
LH160			LH190			Holden's Foundation Seeds, Inc.
LH162			LH191			Holden's Foundation Seeds, Inc.
LH163			LH192			Holden's Foundation Seeds, Inc.
LH164			LH193			Holden's Foundation Seeds, Inc.
LH165			LH194			Holden's Foundation Seeds, Inc.
LH166			LH195			Holden's Foundation Seeds, Inc.
LH167			LH196			Holden's Foundation Seeds, Inc.
LH168			LH197			Holden's Foundation Seeds, Inc.
LH169Ht		Y	LH198			Holden's Foundation Seeds, Inc.
LH172			LH199			Holden's Foundation Seeds, Inc.
LH175			LH200			Holden's Foundation Seeds, Inc.
LH176		Y	LH202			Holden's Foundation Seeds, Inc.
LH178		Y	LH204			Holden's Foundation Seeds, Inc.
LH181			LH205			Holden's Foundation Seeds, Inc.
LH183			LH206			Holden's Foundation Seeds, Inc.
LH184			LH208			Holden's Foundation Seeds, Inc.
LH185			LH209			Holden's Foundation Seeds, Inc.
LH186			LH210			Holden's Foundation Seeds, Inc.
LH188			LH211			Holden's Foundation Seeds, Inc.

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
CORN, FIELD				CORN, FIELD			
LH212Ht	Holden's Foundation Seeds, Inc.			LH260	Holden's Foundation Seeds, Inc.		
LH213	Holden's Foundation Seeds, Inc.			LH262	Holden's Foundation Seeds, Inc.	Y	
LH214	Holden's Foundation Seeds, Inc.			LH271	Holden's Foundation Seeds, Inc.	Y	
LH215	Holden's Foundation Seeds, Inc.			LH280	Holden's Foundation Seeds, Inc.	Y	
LH216	Holden's Foundation Seeds, Inc.			LH38	Holden's Foundation Seeds, Inc.		
LH217	Holden's Foundation Seeds, Inc.			LH39	Iowa State University Research Foundation		
LH218	Holden's Foundation Seeds, Inc.			LH51	Iowa State University Research Foundation		
LH219	Holden's Foundation Seeds, Inc.			LH52	Holden's Foundation Seeds, Inc.		
LH220Ht	Holden's Foundation Seeds, Inc.			LH54	Holden's Foundation Seeds, Inc.		
LH222	Holden's Foundation Seeds, Inc.			LH57	Holden's Foundation Seeds, Inc.		
LH223	Holden's Foundation Seeds, Inc.			LH59	Holden's Foundation Seeds, Inc.		
LH224	Holden's Foundation Seeds, Inc.			LH60	Holden's Foundation Seeds, Inc.		
LH225	Holden's Foundation Seeds, Inc.			LH61	Holden's Foundation Seeds, Inc.		
LH227	Holden's Foundation Seeds, Inc.		Y	LH65	Holden's Foundation Seeds, Inc.		
LH231	Holden's Foundation Seeds, Inc.			LH74	Holden's Foundation Seeds, Inc.		
LH233	Holden's Foundation Seeds, Inc.		Y	LH82	Holden's Foundation Seeds, Inc.		
LH234	Holden's Foundation Seeds, Inc.		Y	LH85	Holden's Foundation Seeds, Inc.		
LH235	Holden's Foundation Seeds, Inc.		Y	LH93	Holden's Foundation Seeds, Inc.		
LH250	Holden's Foundation Seeds, Inc.			LIBC4	Holden's Foundation Seeds, Inc.		
LH252	Holden's Foundation Seeds, Inc.			Lp215D	DEKALB Plant Genetics		
				Lp5	Wilson Hybrids, Inc.		
					Claeys Semences		

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.)	KIND PVP	VARIETY	APPLICANT	TITLE V 1994 (GEN.)	PVP
CORN, FIELD							
MBNA	DeKalb-Pfizer Genetics			PHAP8	Pioneer Hi-Bred International, Inc.		Y
MBPM	DeKalb-Pfizer Genetics			PHAP9	Pioneer Hi-Bred International, Inc.		Y
MBSJ	DEKALB Plant Genetics			PHAW6	Pioneer Hi-Bred International, Inc.		
MBST	DeKalb-Pfizer Genetics			PHBA6	Pioneer Hi-Bred International, Inc.		
MBUB	DEKALB Plant Genetics				Pioneer Hi-Bred International, Inc.		
MBWZ	DEKALB Plant Genetics				Pioneer Hi-Bred International, Inc.		
MBZA	DEKALB Genetics Corporation	Y			Pioneer Hi-Bred International, Inc.		
MDF-13D	DeKalb-Pfizer Genetics			PHBB3	Pioneer Hi-Bred International, Inc.		
ML606	United AgriSeeds, Inc.	Y		PHBE2	Pioneer Hi-Bred International, Inc.		Y
MM402A	DEKALB Plant Genetics			PHBF0	Pioneer Hi-Bred International, Inc.		Y
MM501D	DEKALB Plant Genetics			PHBG4	Pioneer Hi-Bred International, Inc.		Y
MQ305	United AgriSeeds, Inc.			PHBR2	Pioneer Hi-Bred International, Inc.		Y
MQ306	United AgriSeeds, Inc.	Y		PHBV8	Pioneer Hi-Bred International, Inc.		Y
ND277	NDSU Research Foundation	Y		PHBW8	Pioneer Hi-Bred International, Inc.		
ND278	NDSU Research Foundation			PHDD6	Pioneer Hi-Bred International, Inc.		
ND279W	NDSU Research Foundation	Y		PHDP0	Pioneer Hi-Bred International, Inc.		Y
NL001	DEKALB Plant Genetics			PHEG9	Pioneer Hi-Bred International, Inc.		
NQ402	United AgriSeeds, Inc.			PHEM7	Pioneer Hi-Bred International, Inc.		
NQ508	United AgriSeeds, Inc.			PHEM9	Pioneer Hi-Bred International, Inc.		
NS501	DowElanco			PHEW7	Pioneer Hi-Bred International, Inc.		
NS701	DowElanco			PHFA5	Pioneer Hi-Bred International, Inc.		
NS815	DowElanco	Y		PHG29	Pioneer Hi-Bred International, Inc.		Y
OQ101	United AgriSeeds, Inc.			PHG47	Pioneer Hi-Bred International, Inc.		
OQ201	United AgriSeeds, Inc.	Y					
OQ301	United AgriSeeds, Inc.	Y					
OQ403	United AgriSeeds, Inc.						
OQ414	DowElanco	Y					
OQ601	United AgriSeeds, Inc.	Y					
OQ603	DowElanco						
OS602	United AgriSeeds, Inc.						
PB80	DeKalb-Pfizer Genetics						
PHAA0	Pioneer Hi-Bred International, Inc.						
PHAG6	Pioneer Hi-Bred International, Inc.	Y					
PHAJ0	Pioneer Hi-Bred International, Inc.						
PHAP1	Pioneer Hi-Bred International, Inc.	Y					

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.)	KIND PVPA	VARIETY	APPLICANT	TITLE V 1994 (GEN.)	PVPA
CORN, FIELD PHG71	Pioneer Hi-Bred International, Inc.			CORN, FIELD PHJ89	Pioneer Hi-Bred International, Inc.		
PHG72	Pioneer Hi-Bred International, Inc.			PHJ90	Pioneer Hi-Bred International, Inc.		
PHG83	Pioneer Hi-Bred International, Inc.			PHJJ3	Pioneer Hi-Bred International, Inc.		Y
PHG84	Pioneer Hi-Bred International, Inc.			PHJR5	Pioneer Hi-Bred International, Inc.		
PHG86	Pioneer Hi-Bred International, Inc.			PHK05	Pioneer Hi-Bred International, Inc.		
PHGF5	Pioneer Hi-Bred International, Inc.		Y	PHK29	Pioneer Hi-Bred International, Inc.		
PHGG7	Pioneer Hi-Bred International, Inc.			PHK35	Pioneer Hi-Bred International, Inc.		
PHGV6	Pioneer Hi-Bred International, Inc.			PHK42	Pioneer Hi-Bred International, Inc.		
PHGW7	Pioneer Hi-Bred International, Inc.			PHK46	Pioneer Hi-Bred International, Inc.		
PHH93	Pioneer Hi-Bred International, Inc.			PHK56	Pioneer Hi-Bred International, Inc.		
PHHB4	Pioneer Hi-Bred International, Inc.			PHK74	Pioneer Hi-Bred International, Inc.		
PHHB9	Pioneer Hi-Bred International, Inc.			PHK76	Pioneer Hi-Bred International, Inc.		
PHHH9	Pioneer Hi-Bred International, Inc.			PHK93	Pioneer Hi-Bred International, Inc.		
PHHV4	Pioneer Hi-Bred International, Inc.			PHKE6	Pioneer Hi-Bred International, Inc.		
PHJ31	Pioneer Hi-Bred International, Inc.			PHKM5	Pioneer Hi-Bred International, Inc.		
PHJ33	Pioneer Hi-Bred International, Inc.			PHKV1	Pioneer Hi-Bred International, Inc.		Y
PHJ40	Pioneer Hi-Bred International, Inc.			PHKW3	Pioneer Hi-Bred International, Inc.		Y
PHJ65	Pioneer Hi-Bred International, Inc.			PHM10	Pioneer Hi-Bred International, Inc.		
PHJ70	Pioneer Hi-Bred International, Inc.			PHM49	Pioneer Hi-Bred International, Inc.		
PHJ75	Pioneer Hi-Bred International, Inc.			PHM57	Pioneer Hi-Bred International, Inc.		

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	TITLE V (GEN.)	1994 PVPA
APPLICANT	APPLICANT				
CORN, FIELD	CORN, FIELD				
PHM81	PHM85		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHMK0	PHPM0		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	Y
PHN11	PHPP8		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	Y
PHN18	PHPR5		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHN29	PHR03		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHN34	PHR25		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHN37	PHR30		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHN41	PHR31		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHN46	PHR32		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHN47	PHR36		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHN66	PHR47		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHN73	PHR55		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHN82	PHR58		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHNB7	PHR61	Y	Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHNJ2	PHR62	Y	Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHP02	PHR63		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHP38	PHRD6		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHP55	PHRE1		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHP60	PHRF5		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
PHP76	PHT10		Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	Y

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
CORN, FIELD				CORN, FIELD			
PHT11	Pioneer Hi-Bred International, Inc.			PHVA9	Pioneer Hi-Bred International, Inc.		
PHT22	Pioneer Hi-Bred International, Inc.			PHVB2	Pioneer Hi-Bred International, Inc.		Y
PHT47	Pioneer Hi-Bred International, Inc.			PHVJ4	Pioneer Hi-Bred International, Inc.		
PHT55	Pioneer Hi-Bred International, Inc.			PHVJ5	Pioneer Hi-Bred International, Inc.		Y
PHT60	Pioneer Hi-Bred International, Inc.			PHW03	Pioneer Hi-Bred International, Inc.		
PHT69	Pioneer Hi-Bred International, Inc.			PHW06	Pioneer Hi-Bred International, Inc.		
PHT73	Pioneer Hi-Bred International, Inc.			PHW17	Pioneer Hi-Bred International, Inc.		
PHT77	Pioneer Hi-Bred International, Inc.			PHW20	Pioneer Hi-Bred International, Inc.		
PHTD5	Pioneer Hi-Bred International, Inc.			PHW30	Pioneer Hi-Bred International, Inc.		
PHTE4	Pioneer Hi-Bred International, Inc.			PHW43	Pioneer Hi-Bred International, Inc.		
PHTE7	Pioneer Hi-Bred International, Inc.		Y	PHW51	Pioneer Hi-Bred International, Inc.		
PHTM9	Pioneer Hi-Bred International, Inc.			PHW52	Pioneer Hi-Bred International, Inc.		
PHTP9	Pioneer Hi-Bred International, Inc.		Y	PHW53	Pioneer Hi-Bred International, Inc.		
PHTV7	Pioneer Hi-Bred International, Inc.		Y	PHW61	Pioneer Hi-Bred International, Inc.		Y
PHV07	Pioneer Hi-Bred International, Inc.			PHW65	Pioneer Hi-Bred International, Inc.		
PHV37	Pioneer Hi-Bred International, Inc.			PHW79	Pioneer Hi-Bred International, Inc.		
PHV53	Pioneer Hi-Bred International, Inc.			PHW80	Pioneer Hi-Bred International, Inc.		
PHV57	Pioneer Hi-Bred International, Inc.			PHW86	Pioneer Hi-Bred International, Inc.		
PHV63	Pioneer Hi-Bred International, Inc.			PHWG5	Pioneer Hi-Bred International, Inc.		
PHV78	Pioneer Hi-Bred International, Inc.			PHZ51	Pioneer Hi-Bred International, Inc.		

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	TITLE V (GEN.)	1994 PVPA
CORN, FIELD				CORN, FIELD		
Q381	Quality Research Associates			ZS1791	Zenco (No. 4) Limited	Y
RS710	Rustica Semences			ZS365	Zenco (No. 4) Limited	Y
S8324	Northrup King Company			ZS635	Zenco (No. 4) Limited	
S8326	Northrup King Company			CORN, POPCORN		
SX-4-16-2	The Standard Oil Company			583-2	B. Keith Heuermann	
SX-4-2	The Standard Oil Company			Big Red	Frank Holland	Y (2)
SX-4-21	The Standard Oil Company			Black Jewell 85	Black Jewell Popcorn, Inc.	Y (3)
SX-4-32-1	The Standard Oil Company			Laser	Larry and Lucyle Eckler	
SX-4-33-4-2	The Standard Oil Company			COSMOS		
SX-4-4	The Standard Oil Company			Sunny Gold	John Bodger and Sons Company	
SX-4-5	The Standard Oil Company					
SX-5-11	The Standard Oil Company			COTTON		
SX-5-13-3	The Standard Oil Company			7563	Delta and Pine Land Company	
SX-5-14-1-2	The Standard Oil Company			Acala BR-110	Ronald D. Thorp	Y (3)
SX-5-6	The Standard Oil Company			Acala BR-115	Ronald D. Thorp	Y (3)
SX-5-9-1-2	The Standard Oil Company			Acala BR-636	Stoneville Pedigreed Seed Company, Inc.	
SX-6-10	The Standard Oil Company				California Planting	Y (*)
SX-6-15-2-1	The Standard Oil Company			Acala Maxxa	Cotton Seed Distributors	Y (*)
SX-6-3	The Standard Oil Company			Acala Prema	California Planting	Y (*)
SX-6-7	The Standard Oil Company				Cotton Seed Distributors	Y (*)
W8304	Northrup King Company			Acala Royale	Cotton Seed Distributors	
W8555	Northrup King Company				All-Tex Seed Inc.	
WDAD1	DEKALB Genetics Corporation				All-Tex Seed Inc.	
					Levelland Delinting, Inc.	Y (3)
WIL500	Wilson Hybrids, Inc.				Arkansas Agricultural Experiment Station	
WIL900	Wilson Hybrids, Inc.				Bronco Seed Company	Y
WIL901	Wilson Hybrids, Inc.				Bronco Seed Company	
WIL903	Wilson Hybrids, Inc.				Bronco Seed Company	
ZS0114	Zenco (No. 4) Limited		Y		Sally Vreseis Fox	Y (*)
ZS0510	Zenco (No. 4) Limited		Y		Custom Ag Service Inc.	Y (3)
ZS0541	Zenco (No. 4) Limited		Y		Custom Ag Service Inc.	
ZS0560	Zenco (No. 4) Limited		Y		Chaney Ranch Research	
ZS1022	Zenco (No. 4) Limited		Y		Chaney Ranch Research	
ZS1202	Zenco (No. 4) Limited		Y		Stoneville Pedigreed Seed Company, Inc.	
ZS1284	Zenco (No. 4) Limited		Y			
ZS1513	Zenco (No. 4) Limited		Y			
ZS1679	Zenco (No. 4) Limited		Y			
ZS1783	Zenco (No. 4) Limited		Y			

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
COTTON							
Coker 139	Stoneville Pedigreed Seed Company, Inc.	Y (3)		Deltapine SR-980 DES 119	SeedCo Corporation Mississippi Agricultural and Forestry Experiment Station and USDA-ARS	Y (3)	
Coker 208	Stoneville Pedigreed Seed Company, Inc.	Y (3)			Mississippi Agricultural and Forestry Experiment Station	Y (3)	
Coker 3131	Stoneville Pedigreed Seed Company, Inc.	Y (3)		DES 422			
Coker 320	Stoneville Pedigreed Seed Company, Inc.			DP 5409	Delta and Pine Land Company		
Coker 4360	SeedCo Corporation	Y (3)		DP 5415	Delta and Pine Land Company		
Coker 500	SeedCo Corporation		Y				
Conquistador	Olvey and Associates, Inc.			DP 5432	Delta and Pine Land Company		Y
Coyote	Sally Vreseis Fox						
Delcot 311	Curators of the University of Missouri	Y (3)		DP 5461	Delta and Pine Land Company		
Delcot 344	Curators of the University of Missouri	Y (3)		DP 5614	Delta and Pine Land Company		
Deltapine 120	Delta and Pine Land Company			DP 5681	Delta and Pine Land Company		
Deltapine 20	Delta and Pine Land Company			DP 5690	Delta and Pine Land Company		
Deltapine 30	Delta and Pine Land Company			DP 5816	Delta and Pine Land Company		
Deltapine 50	Delta and Pine Land Company			DP 6100 ACALA	Delta and Pine Land Company		Y
Deltapine 51	Delta and Pine Land Company			DP 6166 Acala	Delta and Pine Land Company		
Deltapine 62	Delta and Pine Land Company			Dunn 1002	Dunn Seed Farms, Inc.		
Deltapine 69	Delta and Pine Land Company	Y (3)		Dunn 1047	Dunn Seed Farms, Inc.		
Deltapine 77	Delta and Pine Land Company			Dunn 109	Dunn Seed Farms, Inc.		
	Delta and Pine Land Company			Dunn 224	Dunn Seed Farms, Inc.		
	Delta and Pine Land Company			Dunn 325	Dunn Seed Farms, Inc.		
	Delta and Pine Land Company			Dunn 400	Dunn Seed Farms, Inc.		
Deltapine Acala 90	Delta and Pine Land Company			Dunn HS 120	Dunn Seed Farms, Inc.		
Deltapine NSL	Delta and Pine Land Company			Gavilan	Seed Source, Inc.		Y
	Delta and Pine Land Company			Georgia King	University of Georgia Research Foundation, Inc.		
Deltapine SR-383	SeedCo Corporation			Germain's Acala	C. Harvey Campbell, Jr.;	Y (3)	
Deltapine SR-482	SeedCo Corporation			GC-352	David L. West; Kenneth L.		

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
	Puryear; H. P. Anderson, III			COTTON			
Germain's Acala GC-356	Germain's Cotton Seeds, Inc.	Y (3)		HS-46	Helena Chemical Company, dba HyPerformer Seed Company		
Germain's Acala GC-362	Germain's Cotton Seeds, Inc.	Y (*)		HY 39	Seed Source, Inc.		
Germain's Acala GC-363	Germain's Cotton Seeds, Inc.	Y (*)		KC 380	Stoneville Pedigreed Seed Company, Inc.		
Germain's Acala GC-410	Germain's Cotton Seeds, Inc.	Y (3)		KC311	Stoneville Pedigreed Seed Company, Inc.		
Germain's Acala GC-445	Germain's Cotton Seeds, Inc.	Y (*)		Kings Acala M5	V. T. Walhood and Westlake Farms, Inc.	Y (1)	
Germain's Acala GC-510	Germain's Cotton Seeds, Inc.	Y (*)		LA 887	Louisiana Agricultural Experiment Station		
Germain's Acala GC-555	Germain's Cotton Seeds, Inc.	Y (*)		Lambricht 2020 Lankart 142	J. H. Lambricht Delta and Pine Land Company	Y (3) Y (3)	
Germain's Acala GC-610	Germain's Seeds, Inc.	Y (3)	Y	Lankart 175	Delta and Pine Land Company		
Germain's Acala GC-702	Germain's Cotton Seeds, Inc.	Y (3)		Lankart 311	Delta and Pine Land Company		
Germain's GC-210	Germain's Seeds, Inc.	Y (3)	Y	Lankart 511	Delta and Pine Land Company		
GP 1005	G&P Seed Company, Inc.	Y (3)		NuCOTN 33B	Delta and Pine Land Company		Y
GP 5479	G&P Seed Company, Inc.	Y (3)		NuCOTN 35B	Delta and Pine Land Company		Y
GP 74+	G&P Seed Company, Inc.	Y (3)		OA-304	Delta and Pine Land Company		
Green	Sally Vreseis Fox				Olvey and Associates, Inc.		Y
GSC 1093	Agrigenetics Corporation, Division of The Lubrizol Corporation				Phytogen		
GSC 20	The Lubrizol Corporation			Oro Blanco Pima	Sally Vreseis Fox	Y (*)	
GSC 25	The Lubrizol Corporation			Palo Verde	Delta and Pine Land Company		
GSC 27	The Lubrizol Corporation			Paymaster 145	Delta and Pine Land Company		
GSC 30	The Lubrizol Corporation			Paymaster 147	Delta and Pine Land Company	Y (3)	
GSC 71+	The Lubrizol Corporation			Paymaster 404	Delta and Pine Land Company		
HS 23	Helena Chemical Company, dba HyPerformer Seed Company			Paymaster 892	Delta and Pine Land Company		
HS Salcot 10	J&S Research Company of Arizona, Inc.			Paymaster HS 26	Delta and Pine Land Company	Y (3)	
HS-44	J&S Research Company of Arizona, Inc.						

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KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
COTTON				COTTON			
Paymaster HS200	Delta and Pine Land Company	Y (3)		Sure-Grow 1001	Ellis Brothers Seed, Inc.	Y (3)	
PD-3	South Carolina Agricultural Experiment Station and USDA-ARS Brownfield Seed and Delinting Company, Inc.	Y (3)		Sure-Grow 125	Sure-Grow Seed, Inc.	Y	
Quapaw D	Rilcot Seed Company	Y (3)		Sure-Grow 404	Sure-Grow Seed, Inc.	Y	
Rilcot 90-A	Rogers LG Cottonseed Company			Sure-Grow 501	Sure-Grow Seed, Inc.		
Rogers 7590	Rogers LG Cottonseed Company			SV 13	J&S Research Company of Arizona, Inc.		
Rogers LG 102	Rogers Delinted Cottonseed Company			SV 93	J&S Research Company of Arizona, Inc.		
Rogers LG 86	Rogers LG Cottonseed Company			Tamcot 2111	Texas Agricultural Experiment Station	Y (2)	
S-35	Seed Source, Inc.			Tamcot CAB-CS	Texas Agricultural Experiment Station	Y (3)	
S-55	Seed Source, Inc.			Tamcot CD3H	Texas Agricultural Experiment Station	Y (1)	
San Simon Del Cerro Simwalt 82	B&M Cotton Company	Y (2)		Tamcot GCNH	Texas Agricultural Experiment Station	Y (1)	
Southland 400	Oklahoma Agricultural Experiment Station			Tamcot HQ95	Texas Agricultural Experiment Station	Y (2)	
Southland M1	SeedCo Corporation			Terra 207	Terra International, Inc.		
St 132	Stoneville Pedigreed Seed Company, Inc.		Y	Terra 292	Terra International, Inc.		
ST 474	Stoneville Pedigreed Seed Company, Inc.		Y	Terra 366	Terra International, Inc.		Y
Stoneville 112	Stoneville Pedigreed Seed Company, Inc.			Terra C-30	Delta and Pine Land Company		
Stoneville 302	Stoneville Pedigreed Seed Company, Inc.			Terra C-40	Delta and Pine Land Company		
Stoneville 324	Stoneville Pedigreed Seed Company, Inc.			Terra SR-10	SeedCo Corporation		
Stoneville 453	Stoneville Pedigreed Seed Company, Inc.			Tifcot 56	University of Georgia Research Foundation, Inc.	Y (3)	
Stoneville 506	Stoneville Pedigreed Seed Company, Inc.			COWPEA			
Stoneville 825	Stoneville Pedigreed Seed Company, Inc.			Big Boy Purplehull	Northrup King Company		
Stoneville 907	Stoneville Pedigreed Seed Company, Inc.			Carolina Sugar	Great Plains Research Company, Inc.		
				Clemson Purple	South Carolina Agricultural Experiment Station		
				CT Pinkeye	C. T. Smith Company		
				Purplehull			
				Freezegreen	Auburn University Agricultural Experiment Station	Y (3)	

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KIND	VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	TITLE V (GEN.)	1994 PVPA	APPLICANT	TITLE V (GEN.)	1994 PVPA
COWPEA	Kunde Zulu	Jeffrey D. Ehlers	Y (1)	Y	FESCUE, CHEWINGS			Cebeco Zaden B.V.		
	Mississippi Cream	Mississippi Agricultural and Forestry Experiment Station	Y (3)		Center			D.J. van der Have B.V.		
	Mississippi Pinkeye	Mississippi Agricultural and Forestry Experiment Station	Y (3)		Contour			Germinall Holdings Ltd., U.K.		
	Mississippi Shipper	Mississippi Agricultural and Forestry Experiment Station	Y (3)		Countess			Lofts Seed, Inc.		Y
	Pinkeye Pink Pod	Chester Brogden and Charles E. Smith			Jamestown II			Zelder B.V.		
	Texas Pinkeye Purple Hull	Texas Agricultural Experiment Station	Y (2)	Y	Lobi			International Seeds, Inc.		
CUCUMBER	Arkansas Little Leaf	M. J. Goode, J. L. Bowers and Arkansas Agricultural Experiment Station	Y (3)		Longfellow			D.J. van der Have B.V.		
	Picklebush	W. Atlee Burpee Company			Magenta			Mommersteeg International B.V.		
DAHLIA	Redskin	Waller Flowerseed Company			Mary			Saatzucht Steinach GmbH.		
DELPHINIUM	Magic Fountains Dark Blue/Dark Bee	John Bodger and Sons Company			Milan			Mommersteeg International B.V.		Y
	Magic Fountains Lilac Pink	John Bodger and Sons Company			Molinda			Grassland West		
	Magic Fountains Sky Blue	John Bodger and Sons Company			Proformer			Pure-Seed Testing, Inc.		
	Magic Fountains White	John Bodger and Sons Company			Shadow			Seed Research of Oregon, Inc.		
EGGPLANT	Little Fingers	Harris Moran Seed Company			SR 5000			Pure-Seed Testing, Inc.		Y
ENDIVE	Crispy Green	Harris Moran Seed Company			Tiffany			Pickseed West Inc.		
FENNEL	AB Sweet Anise 93	D'Arrigo Brothers Company of California			Victory			W. Weibull AB	Y (2)	
	FESCUE, CHEWINGS Capitol	Cebeco Zaden B.V.	Y (3)		Wilma			Pure-Seed Testing, Inc.		
					FESCUE, HARD			Mommersteeg International B.V.		
					Aurora			Mommersteeg International B.V.		
					Brigade			Pure-Seed Testing, Inc.		
					Crystal			Van Engelen Zaden B.V.		
					Discovery			D.J. van der Have B.V.		Y
					Eureka			Pure-Seed Testing, Inc.		
					Hartina			Lofts Seed, Inc.		
					Nordic			Willamette Seed Company, Inc.		
					Reliant			D.J. van der Have B.V.	Y (2)	
					Serra			Pickseed West Inc.		
					Silvana			Seed Research of Oregon, Inc.		
					Spartan			Seed Research of Oregon, Inc.		
					SR 3000					
					SR 3100					

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KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
FESCUE, IDAHO				FESCUE, TALL			
Joseph	Idaho Agricultural Experiment Station	Y (2)		Austin	Normarc, Inc.		
Nezpurs	Idaho Agricultural Experiment Station	Y (2)		Barcel	Barenbrug Holland B.V.	Y (3)	
FESCUE, MEADOW				Barnone	Barenbrug Holland B.V.	Y (3)	
Beaumont	Michigan State University	Y (3)		Bonanza	Pure-Seed Testing, Inc.		
First	Snow Brand Seed Company Ltd.			Bonsai	KWS-AG		
FESCUE, RED				Cajun	International Seeds, Inc.		
Barcrown	Barenbrug Holland B.V.	Y (3)		Carefree	International Seeds, Inc.		
Cindy	Cebeco Zaden B.V.	Y (3)		Cattle Club	FFR Cooperative		
Claudia	Cebeco Zaden B.V.	Y (3)		Chesapeake	The O. M. Scott and Sons Company		
Flyer	Pure-Seed Testing, Inc.			Chieftain	Pickseed West Inc.		
Jasper	Pickseed West Inc.			Cimarron	Pure-Seed Testing, Inc.		
Jupiter	W.W. Johnson and Son Ltd., U.K.	Y (3)		Clemfine	Lofts Seed, Inc.		
Logro	Germinal Holdings Ltd., U.K.			Conestoga	Smith Seed Services		
Molate Blue	James M. Stewart, Inc., ConservaSeed			Crewcut	Pickseed West Inc.		
Moncorde	Mommersteeg International B.V.			Crossfire	Pickseed West Inc.		
Shademaster	Pure-Seed Testing, Inc.			Duke	Jonathan Green and Sons, Inc. and Cascade		
Victor	Mommersteeg International B.V.				International Seed Company		
Vista	Pure-Seed Testing, Inc.				Pure-Seed Testing, Inc.		
FESCUE, SLENDER					Pickseed West Inc.		
Bighorn	Pure-Seed Testing, Inc.			Eldorado	E. F. Burlingham and Sons		
MX-86	J.R. Simplot Company			Emperor	Pure-Seed Testing, Inc.		
FESCUE, TALL				Falcon	Finelawn 5GL		
Adventure	Pure-Seed Testing, Inc.			Finelawn 5GL	Pure-Seed Testing, Inc.		
Amigo	Pure-Seed Testing, Inc.			Finelawn 88	Finelawn Research, Inc.		
Apache	Pure-Seed Testing, Inc.			Finelawn I	Pure-Seed Testing, Inc.		
Arid	Jacklin Seed Company			Homestead	Smith Seed Services		
Arriba	Pure-Seed Testing, Inc.			Hounddog	International Seeds, Inc.		
Astro	Pure-Seed Testing, Inc.			Jaguar	Pure-Seed Testing, Inc.		
AU Triumph	Alabama Agricultural Experiment Station, Auburn University			Jaguar II	Pure-Seed Testing, Inc.		
				Johnstone	University of Kentucky and USDA-ARS	Y (3)	
				Martin	University of Missouri		
				Maximize	Pure-Seed Testing, Inc.		
				Mesa	Jacklin Seed Company		
				Mojave	International Seeds, Inc.		
				Monarch	Pure-Seed Testing, Inc.		
				Mozark	University of Missouri		
				Murietta	Pure-Seed Testing, Inc.		

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FESCUE, TALL				Carostan	North Carolina Agricultural Research Service		
Mustang	Pickseed West Inc.						
Olympic	Pure-Seed Testing, Inc.						
Olympic II	Pure-Seed Testing, Inc.			FOXTAIL, CREEPING Retain	Foundation Seed Stocks, South Dakota	Y (2)	
Pacer	International Seeds, Inc.						
Penngrazer	FFR Cooperative						
Phoenix	Normarc, Inc.			GAZANIA			
Phyter	FFR Cooperative			Daybreak Orange	Denholm Seeds		
Rebel	Lofts Seed, Inc.			Mini-Star Tangerine	Ernst Benary, West Germany		
Rebel II	Lofts Seed, Inc.						
Rebel Jr.	Lofts Seed, Inc.			HAIR-GRASS, CRESTED Barkoel	Barenbrug Holland B.V.	Y (3)	
Richmond	International Seeds, Inc.						
Safari	Pure-Seed Testing, Inc.			HARDINGGRASS Au Oasis	Alabama Agricultural Experiment Station		
Safe	Ag Tech, Inc.						
Shenandoah	R. J. Peterson						
	Enterprises, Inc.			KLEINGRASS Verde	Texas Agricultural Experiment Station	Y (2)	
Shortstop	Pickseed West Inc.						
Silverado	Pure-Seed Testing, Inc.			LAURISAGRASS Y Cowboy	G. E. Pogue Seed Company, Inc.	Y (3)	
Southland	International Seeds, Inc.						
SR 8200	Seed Research of Oregon, Inc.		Y				
	Smith Seed Services			LENTIL Lolita	Wilbur-Ellis Company		
Stagecoach	NPI Seed Inc.			LESPEDEZA, CHINESE AU Donnelly	Alabama Agricultural Experiment Station, Auburn University Curators of the University of Missouri	Y (2)	
Tempo	Pure-Seed Testing, Inc.						
Thunderbird	Willamette Seed Company, Inc.						
Tip	Seed Research of Oregon, Inc.		Y	Marion	Seminis Vegetable Seeds, Inc.		Y
Titan	Pure-Seed Testing, Inc.			LETTUCE Ace	Harris Moran Seed Company Seminis Vegetable Seeds, Inc.		
Tomahawk	Pure-Seed Testing, Inc.			Alpha DMR Andros	Sakata Seed America, Inc. Central Valley Seeds, Inc.		
Tradition	Pure-Seed Testing, Inc.						
Trailblazer	Pure-Seed Testing, Inc.			Aquarius			
Trailblazer II	Pure-Seed Testing, Inc.			Aragon Red			
Tribute	Lofts Seed, Inc.						
Trident	International Seeds, Inc.						
Willamette	International Seeds, Inc.						
Winchester	Pure-Seed Testing, Inc.						
Wrangler	Jacklin Seed Company						
FESTULOLIUM				Atlas Augustus	Genecorp, Inc. Petoseed Company, Inc.		
Tandem	D.J. van der Have B.V.						
FLACCIDGRASS							

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LETTUCE							
Basore 920	Genecorp, Inc.			Desert Spring	Genecorp, Inc.		
Bautista	Royal Sluis, Koninklijke			Desert Storm	Harris Moran Seed Company		Y
	Zaaizaadbedrijven			Don Juan	Harris Moran Seed Company		
	Gebroeders Sluis, B.V.			Duchesse	Harris Moran Seed Company		
Bella Rosa	Plant Genetics, Inc.			Dynasty	Harris Moran Seed Company		
Bellagreen	Harris Moran Seed Company			Early Giant	Genecorp, Inc.		
Big Red	Genecorp, Inc.			El Dorado	Royal Sluis, Koninklijke		
Bix	Seminis Vegetable Seeds, Inc.				Zaaizaadbedrijven		
	Genecorp, Inc.			El Toro	Gebroeders Sluis, B.V.		
Blazer	Seminis Vegetable Seeds, Inc.			Encore	Harris Moran Seed Company		
Bonanza	Genecorp, Inc.			Enduro	Royal Sluis, Koninklijke		
Boston Rose	Petoseed Company, Inc.				Zaaizaadbedrijven		
Bounty	Bud Antle, Inc.			Epic	Gebroeders Sluis, B.V.		
Bud 71-3	Genecorp, Inc.			Esmeralda	Seminis Vegetable Seeds, Inc.	Y (*)	
Buena Vista	Arthur Yates and Company			Express	Sakata Seed America, Inc.		
Bulls Eye	Pty. Ltd.			Fallgreen	Royal Sluis B.V.		
	Sluis and Groot Research			Fame	Harris Moran Seed Company		Y
Canasta	Seminis Vegetable Seeds, Inc.			Fanfare	Harris Moran Seed Company		
Capri	Quali-Sel, Inc.			FM 8248	Harris Moran Seed Company		
	Genecorp, Inc.			Gabilan	Bruce Church, Inc.		
Centurion	Genecorp, Inc.			Garnet	Harris Moran Seed Company		
Champ	Seminis Vegetable Seeds, Inc.			Gemini	Sakata Seed America, Inc.	Y (*)	
Chieftain	Royal Sluis, Koninklijke			Genecorp Boston	Genecorp, Inc.		
Classic	Zaaizaadbedrijven			Genecorp Cos	Genecorp, Inc.		
	Gebroeders Sluis, B.V.			Genecorp Green	Genecorp, Inc.		
Clemente	Genecorp, Inc.			Genesys Green	Genecorp, Inc.		
	Central Valley Seeds, Inc.			Gilaben	Harris Moran Seed Company		
Cos King	Central Valley Seeds, Inc.			Golden Bibb	Scattini Seeds, Inc.		
Crisp & Green	Central Valley Seeds, Inc.			Green Bowl	Seminis Vegetable Seeds, Inc.		
Darkland Cos	Royal Sluis, Koninklijke			Green Towers	Harris Moran Seed Company		
	Zaaizaadbedrijven			Greenfield	Harris Moran Seed Company		
Del Rey	Gebroeders Sluis, B.V.			Greengo	Genecorp, Inc.		
	Harris Moran Seed Company			Honcho II	Genecorp, Inc.		
Delmar	Genecorp, Inc.			Ideal Cos	Genecorp, Inc.		
Desert Queen							

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LETTUCE							
Impact				Arthur Yates and Company Pty. Ltd.			Petoseed Company, Inc.
Jazz				Genecorp, Inc.			Johnny's Selected Seeds and Brinker Orsetti Seed Company, Inc.
Kelvin				Royal Sluis B.V.			Royal Sluis B.V.
King City				Genecorp, Inc.			Royal Sluis B.V.
LaJolla				Koninklijke			Harris Moran Seed Company
				Zaaizaadbedrijven			Harris Moran Seed Company
				Gebroeders Sluis, B.V.			Vilmorin, S.A.
Le Cup				Seminis Vegetable Seeds, Inc.			Genecorp, Inc.
				Genecorp, Inc.			Petoseed Company
Lettich				Arthur Yates and Company Pty. Ltd.			Harris Moran Seed Company
Magnum				Genecorp, Inc.			Vilmorin, S.A.
Major Cos				Genecorp, Inc.			Harris Moran Seed Company
Marvel				Genecorp, Inc.			Genecorp, Inc.
Maverick				Genecorp, Inc.			Seminis Vegetable Seeds, Inc.
Maverick II				Genecorp, Inc.			Vilmorin, S.A.
Monarch				Bruce Church, Inc.			Arthur Yates and Company Pty. Ltd.
Overture				Harris Moran Seed Company			Royal Sluis B.V.
Paragon				Bruce Church, Inc.			Seminis Vegetable Seeds, Inc.
Pinnacle				Bruce Church, Inc.			Brinker Orsetti Seed Company, Inc.
Pioneer				Bruce Church, Inc.			Brinker Orsetti Seed Company, Inc. and Summit Seeds, Inc.
Premiere				Harris Moran Seed Company			Bruce Church, Inc.
Primavera				Genecorp, Inc.			Genecorp, Inc.
Prince				Genecorp, Inc.			Harris Moran Seed Company
Pro 917				Genecorp, Inc.			Genecorp, Inc.
Racy Red				Genecorp, Inc.			Brinker Orsetti Seed Company, Inc.
Raider				Genecorp, Inc.			Seeds, Inc.
Raisa				Rijk Zwaan Zaadteelt en Zaadhandel B.V.			Bruce Church, Inc.
Rambo				Genecorp, Inc.			Genecorp, Inc.
Ramrod				Genecorp, Inc.			Harris Moran Seed Company
Red Coach 82				Bruce Church, Inc.			Genecorp, Inc.
Red Eye Cos				Genecorp, Inc.			Koninklijke
Red Sails				Petoseed Company, Inc.			Zaaizaadbedrijven
Red Sceptre				Seminis Vegetable Seeds, Inc.			Gebroeders Sluis, B.V.
				Sakata Seed America, Inc.			Harris Moran Seed Company
Red Vogue				Harris Moran Seed Company			Sakata Seed America, Inc.
Redprize							Brinker Orsetti Seed Company, Inc.

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LETTUCE				MARIGOLD			
Winter King	Bruce Church, Inc.			Little Hero Orange	John Bodger and Sons Company		Y
Yuma	Harris Moran Seed Company			Little Hero Yellow	John Bodger and Sons Company		Y
Yuppie	Genecorp, Inc.			Nemanon	Cardo Construct		
Zenith	Bruce Church, Inc.			Orange Sophia	John Bodger and Sons Company		
LOBELIA, ANNUAL				Papaya Crush	John Bodger and Sons Company		
Half Moon	Sluis and Groot Research			Improved	John Bodger and Sons Company		
Midnight Moon	Sluis and Groot Research			Pineapple Crush	John Bodger and Sons Company		
Papermoon	Sluis and Groot Research			Improved	John Bodger and Sons Company		
Riviera Blue Splash	Waller Flowerseed Company		Y	Polynema	Fysicon (The Netherlands)		Y
Riviera Lilac	Waller Flowerseed Company		Y	Pumpkin Crush	John Bodger and Sons Company		
MARIGOLD				Improved	John Bodger and Sons Company		Y
Aurora Orange	Waller Flowerseed Company			Safari Bolero	John Bodger and Sons Company		
Aurora Yellow Fire	Goldsmith Seeds, Inc.			Safari Tangerine	John Bodger and Sons Company		Y
Bonanza Yellow	Denholm Seeds			Safari Yellow	John Bodger and Sons Company		
Disco Flame	John Bodger and Sons Company			Scarlet Sophia	John Bodger and Sons Company		
Disco Golden Yellow	John Bodger and Sons Company			Xantho-Orange	W. Atlee Burpee Company		
Disco Orange	John Bodger and Sons Company			MEADOWFOAM	Oregon State University Agriculture Experiment Station		
Hero Flame	John Bodger and Sons Company			Floral	Oregon State University Agriculture Experiment Station	Y (2)	
Hero Gold	John Bodger and Sons Company			Mermaid	Ali Abad Farm		
Hero Harmony	John Bodger and Sons Company			MELON, KHARBUZA	USDA-ARS, Colorado Agricultural Experiment Station, and Wyoming Agricultural Experiment Station	Y (2)	Y
Hero Orange	John Bodger and Sons Company			Aliabadi			
Hero Red	John Bodger and Sons Company			MILKVETCH			
Hero Yellow	John Bodger and Sons Company			Windsor			
Janie Bright Yellow	Goldsmith Seeds, Inc.			MUSKMELON			
Janie Deep Orange	Waller Flowerseed Company						
Janie Flame	Goldsmith Seeds, Inc.						
Janie Primrose	Waller Flowerseed Company	Y (*)					
Janie Tangerine	Goldsmith Seeds, Inc.						
Little Hero Flame	John Bodger and Sons Company		Y				

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AURORA	Alabama Agricultural Experiment Station, Department of Horticulture			OAT Coker 820 Dane			Y (3) Y (2)	
Earlibush Crenshaw	Kansas State University Research Foundation			Ensiler			Y (2)	
Marathon	Northrup King Company			Hercules			Y (3)	
Musketeer	Northrup King Company							
PMR 45 Full Net	Shamrock Seed Company, Inc.			Horicon			Y (2)	
Stephanie	Rogers Seed Company			IN09201				
Sunglo Casaba	Gro-Pro Enterprises, Inc.							
Sweet April	Robert E. and Lisa C. Mourey							
Sweet Delight	Hollar Seeds, Inc.		Y	Jerry				Y
Top Net SR	Harris Moran Seed Company							
OAT								
811	Arkansas County Seed Company, Inc.		Y	Magnum Magnum II			Y (*)	
833	Arkansas County Seed Company, Inc.			Mesquite Mesquite II			Y (3)	
871	Arkansas County Seed Company, Inc.			Milton			Y (3)	
Armor	Ohio Agricultural Research and Development Center, Ohio State University	Y (3)		Newdak			Y (3)	
Bay	Wisconsin Agricultural Experiment Station	Y (2)		Pennuda				
Belle	Wisconsin Agricultural Experiment Station	Y (2)	Y					
Benson	Minnesota Agricultural Experiment Station	Y (3)		Porter			Y (3)	
Big Mac	Northrup King Company	Y (3)						
Brawn	University of Illinois	Y (3)		Prairie			Y (2)	
Celsia	Cebeco Zaden B.V.	Y (3)	Y					
Centennial	Wisconsin Agricultural Experiment Station	Y (3)		Premier			Y (3)	
Charisma	Crop and Food Research Ltd.			Proat			Y (3)	

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OAT				ONION			
Southern States 76-30 Starter	Southern States Cooperative, Inc. Minnesota Agricultural Experiment Station	Y (3)		Numex Casper	New Mexico Agricultural Experiment Station	Y (3)	Y
Whitestone	NDSU Research Foundation, ND Agricultural Experiment Station	Y (3)	Y	NuMex Centric	New Mexico State University Agricultural Experiment Station	Y (3)	Y
Yeats	North Carolina Agricultural Research Service and USDA-ARS	Y (3)		NuMex Crispy	New Mexico State University Agricultural Experiment Station	Y (3)	Y
OKRA				NuMex Dulce	New Mexico State University Agricultural Experiment Station	Y (3)	Y
Cajun Queen Prelude	Sunseeds Company Northrup King Company			NuMex Luna	New Mexico State University Agricultural Experiment Station	Y (3)	Y
ONION				NuMex Mesa	New Mexico State University Agricultural Experiment Station	Y (3)	Y
Cardinal	Shamrock Seed Company, Inc.						
Caribou-19	Shamrock Seed Company, Inc.			NuMex Starlite	New Mexico Agricultural Experiment Station		
Contessa	Seminis Vegetable Seeds, Inc.			NuMex Vado	New Mexico State University Agricultural Experiment Station	Y (3)	Y
Corona Italian Red Crystal Wax Pickling Dorada	Mr and Mrs James Corona Sunseeds Company Texas Agricultural Experiment Station			Omo M Paradise Perla	Harris Moran Seed Company Sunseeds Company Texas Agricultural Experiment Station		
Dynasty	Shamrock Seed Company, Inc.			Red Pinoy Red Robins PRR 95	Hortigen B.V. A.M. Dessert and B.M. Domingo	Y	Y
Early Grand PRR Emerald Isle	Sunseeds Company Seminis Vegetable Seeds, Inc.			Red Star Redbone	Petoseed Company, Inc. Seminis Vegetable Seeds, Inc.	Y	Y
Everest	Shamrock Seed Company, Inc.			Y Regal Regia	Sunseeds Company Seminis Vegetable Seeds, Inc.		
Glory IBEX	Sunseeds Company Shamrock Seed Company, Inc.			Serrana	Seminis Vegetable Seeds, Inc.		
La Joya	Seminis Vegetable Seeds, Inc.			SSC 0020	Shamrock Seed Company, Inc.		
Lumina	Shamrock Seed Company, Inc.						
Mission Star	Harris Moran Seed Company		Y				

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ONION				PEA			
Sweet Winter	Sunseeds Company			Alfi	Seminis Vegetable Seeds, Inc.		
Texas Early White	Texas Agricultural Experiment Station			Alpine	Rogers Brothers Seed Company		
Texas Grano 1015Y	Texas Agricultural Experiment Station			Alsweet III	Seminis Vegetable Seeds, Inc.		
Texas Grano 1025Y	Texas Agricultural			Applause	Nunhems Zaden B.V.		
Texas Grano 1030Y	Experiment Station			Arctic	Pure Line Seeds, Inc.		
Texas Grano 1105Y	Experiment Station			Arise	Seminis Vegetable Seeds, Inc.		
Texas Grano 438	Texas Agricultural			Aristagreen	Wilbur-Ellis Company		
Texspan PRR	Experiment Station			Aspire	Seminis Vegetable Seeds, Inc.		Y
ORCHARDGRASS	Experiment Station			Athena	W. Brotherton Seed Company, Inc.		
AMBROSIA	Sunseeds Company			Ava	Nunhems Zaden B.V.		
Benchmark	Pure-Seed Testing, Inc.		Y	Award	Seminis Vegetable Seeds, Inc.		
Elsie	FFR Cooperative			Badger	Gallatin Valley Seed Company		
Grasslands Tekapo	Pure-Seed Testing, Inc.	Y (2)		Bellroy	Ardie G. Gustafson, Seedsman		
Justus	New Zealand Pastoral Agriculture Research Institute Ltd.			Bemol	Seminis Vegetable Seeds, Inc.		
Mobile	University of Missouri	Y (*)		Blizzard	Rogers Brothers Seed Company		
Satin	Mommersteeg International B.V.		Y	Bold	Pure Line Seeds, Inc.		
Summer Green	Green Genes, Inc.			Bonito	Crites-Moscow Growers, Inc.		
PARSNIP	Snow Brand Seed Company Ltd.			Bonnaire	Seminis Vegetable Seeds, Inc.		
Andover	Regents of the University of Minnesota			Bounty	Gallatin Valley Seed Company		
PEA				Cabree	Seminis Vegetable Seeds, Inc.		
260	Green Giant Company			Candelite	Gallatin Valley Seed Company		
265	Green Giant Company	Y (*)		Caprice	Seminis Vegetable Seeds, Inc.		
77 Early Perfection	Nunhems Zaden B.V.						
9000 Freezer	Nunhems Zaden B.V.						
Aim	Seminis Vegetable Seeds, Inc.						
Aladdin	Rogers Seed Company		Y				
Alcan	Rogers Brothers Seed Company						

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(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
PEA							
Captain	Nunhems Zaden B.V.			PEA	Gallatin Valley Seed Company		
Caselode	W. Brotherton Seed Co., Inc.		Y	Ego	Seminis Vegetable Seeds, Inc.		
Ceras	Seminis Vegetable Seeds, Inc.			Elegance	Seminis Vegetable Seeds, Inc.		
Challis	Crites-Moscow Growers, Inc.			Encore	Seminis Vegetable Seeds, Inc.		
Citadel	Seminis Vegetable Seeds, Inc.			Envy	Seminis Vegetable Seeds, Inc.		
Classicgreen	Rogers Seed Company		Y	Epic	Seminis Vegetable Seeds, Inc.		
Darien	Seminis Vegetable Seeds, Inc.		Y	Everett	Rogers Brothers Seed Company		
Daybreak	Gallatin Valley Seed Company			Filly	Seminis Vegetable Seeds, Inc.		
Delsey Dew	Rogers NK Seed Company			Flair	Seminis Vegetable Seeds, Inc.		
Dignity	Seminis Vegetable Seeds, Inc.			Fridgit	Gallatin Valley Seed Company		
DMC 50-02	Crites-Moscow Growers, Inc.			Fristo	Seminis Vegetable Seeds, Inc.		Y
DMC 50-04	Del Monte Corporation			Frollic	Rogers Brothers Seed Company		
DMC 50-05	Del Monte Corporation			Frontier	Wisconsin Crop Improvement Association		
DMC 50-21	Del Monte Corporation			Gain	Seminis Vegetable Seeds, Inc.		
DMC 50-26	Del Monte Corporation			Galasweet	Gallatin Valley Seed Company		
DMC 50-27	Del Monte Corporation			Genie	Rogers Brothers Seed Company		
DMC 50-33	Del Monte Corporation			Goya	Seminis Vegetable Seeds, Inc.		
DMC 50-60	Del Monte Corporation		Y	Headliner	Gallatin Valley Seed Company		
DMC 50-63	Del Monte Corporation			Honey Pod	Rogers Brothers Seed Company		
DMC 50-68	Del Monte Corporation			HP071-2-5	Rogers Seed Co.		Y
DMC 50-70	Del Monte Corporation			HP758A	Rogers NK Seed Company		
DMC 50-74	Del Monte Corporation			Image	Crites-Moscow Growers, Inc.		
DMC 50-80	Del Monte Corporation						
Dual	Seminis Vegetable Seeds, Inc.						
Early Freezer 680	Gallatin Valley Seed Company						
Early Sweet #9	Gallatin Valley Seed Company						
Early Sweet 41	Pure Line Seeds, Inc.						

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(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
PEA							
June	van Waveren Pflanzenzucht GmbH.			PEA Now	Seminis Vegetable Seeds, Inc.		
Jupiter	Rogers Brothers Seed Company			Opal Orcas	Wilbur-Ellis Company W. Brotherton Seed Company, Inc.		
Kalamo	Seminis Vegetable Seeds, Inc.		Y	Paladio	Seminis Vegetable Seeds, Inc.		Y
Karisma	Seminis Vegetable Seeds, Inc.			Passport Payload	Rogers Seed Company Seminis Vegetable Seeds, Inc.		Y
Karl-Evert Krilla	NESTEC S.A. Seminis Vegetable Seeds, Inc.			Perk	Seminis Vegetable Seeds, Inc.		
Lacy Lady Lazor	Musser Seed Company, Inc. Seminis Vegetable Seeds, Inc.			PJ 7625 Plus	Rogers NK Seed Company Seminis Vegetable Seeds, Inc.		
Leah	Seminis Vegetable Seeds, Inc.			Point Polaris	Nunhems Zaden B.V. Rogers Brothers Seed Company		
Mariner MC-201	Rogers NK Seed Company L. D. Maffei Seed Company, Inc.			Premium	van Waveren Pflanzenzucht GmbH.		
Mendota	Rogers Brothers Seed Company			Pronto	Seminis Vegetable Seeds, Inc.		
Menlo	W. Brotherton Seed Company, Inc.			Quad	Crites-Moscow Growers, Inc.		
Menuet	Seminis Vegetable Seeds, Inc.			Quantum	Seminis Vegetable Seeds, Inc.		
Methow	Crites-Moscow Growers, Inc.		Y	Quest	Gallatin Valley Seed Company, a division of Rogers Brothers Seed Company		
MF-502	L. D. Maffei Seed Company, Inc.			Rampart	Seminis Vegetable Seeds, Inc.		
Micro	Seminis Vegetable Seeds, Inc.			Reco	NESTEC S.A.		
Midget	Wilbur-Ellis Company			Revolution Saber	Rogers NK Seed Company Seminis Vegetable Seeds, Inc.		
Misty	Pure Line Seeds, Inc.			Sancho	Sharpes International Seeds Limited		Y
Nomad	Rogers Brothers Seed Company			Scamp	Pure Line Seeds, Inc.		
Nordic	Rogers NK Seed Company						
Northstar	Rogers NK Seed Company						
Novella II	Rogers Brothers Seed Company						

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	KIND	TITLE V (GEN.)	1994 PVPA	VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
PEA							
Scepter				Sunrise	Nunhems Zaden B.V.		
Sentry				Sunset	Pure Line Seeds, Inc.		
Shield					Seminis Vegetable Seeds, Inc.		
SL 173				Super SugarMel	Rogers NK Seed Company		
Snake				Superscout	Crites-Moscow Growers, Inc.		
Snappy				Sweet Snap	W. Atlee Burpee Company		
Somerset				Talbot	Rogers NK Seed Company		
Sonic				Tasman	Rogers NK Seed Company		
SP110-1-2-7-2			Y	Top Pod	Rogers Seed Company		
SP363-1-1-5-1			Y	Treat	Rogers Seed Company		
SP704-3-8			Y		Rogers Seed Company		
Span				Trek	Crites-Moscow Growers, Inc.		
Springgreen			Y	Tripod	Rogers Seed Co.		
Stampede				Trolley	Seminis Vegetable Seeds, Inc.		
Stringless Sugar Snap				Turbo	Gallatin Valley Seed Company		
Style				Tyee	Pure Line Seeds, Inc.		
Sugar Daddy				Utrillo	Gallatin Valley Seed Company		
Sugar Pop				Valgreen	Gallatin Valley Seed Company		
SugarAnn				Vulcan	Gallatin Valley Seed Company		
SugarBon					Gallatin Valley Seed Company		
SugarRae				PEA, FIELD	Gallatin Valley Seed Company		
SugerMel				Belinda	Gallatin Valley Seed Company		
Sultan				Danto	Gallatin Valley Seed Company		
Sun Burst				Impala	Crites-Moscow Growers, Inc.		
Sun-Up				Irby Scotch	Pure Line Seeds, Inc.		
Sundance			Y (*)	Magnus	Pure Line Seeds, Inc.		
Sunfire				Maxi	Pure Line Seeds, Inc.		
					Cebeco Zaden B.V.	Y (3)	
					L. Daehnfeldt, Inc.	Y (3)	
					Cebeco Zaden B.V.	Y (3)	
					Campbell Soup Company, Research and Technology		
					Sharps International Seed Ltd.	Y (3)	
					Cebeco Zaden B.V.	Y (3)	

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KIND	TITLE V	1994	KIND	TITLE V	1994
VARIETY	(GEN.)	PVPA	VARIETY	(GEN.)	PVPA
APPLICANT	APPLICANT		APPLICANT	APPLICANT	

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
PEPPER				PUMPKIN			
DMC 56-53	Del Monte Corporation			Dill's Atlantic	Howard Dill Enterprises, Ltd.		
DMC 56-54	Del Monte Corporation			Giant	Musser Seed Company, Inc.		
Hidalgo	Texas Agricultural Experiment Station	Y (*)		Goldilocks	Jennie Catherine Brush		Y
Jupiter	Northrup King Company			Happy	Howden Farm		
Loribelle	Brinker Orsetti Seed Company, Inc.			Howden Biggie	Hollar Seed Company; Geo. Perry and Sons		
Merced	Harris Moran Seed Company			Lumina	Johnny's Selected Seeds		Y
Ole	Harris Moran Seed Company			Tom Fox			
Orange Cayenne	Tommy Bolack			RADISH			
Prima Belle	Sunseeds Company	Y (*)		Belle Glade	Harris Moran Seed Company	Y (1)	
Red Savina	Frank Garcia, Jr.			Plum Purple	Alf Christianson Seed Company		
Sonora Anaheim	Petoseed Company, Inc.				Northrup King Company		
TAM Veracruz	Texas Agricultural Experiment Station			Red Baron	Harris Moran Seed Company		
Tambel-2	Texas Agricultural Experiment Station	Y (*)		Red King	Alf Christianson Seed Company		
Vegi-Sweet	DNA Plant Technology Corporation			Ruby	Alf Christianson Seed Company		
Vlacini	Campbell Soup Company, Campbell Institute for Research and Technology	Y (1)		Snow Belle	Alf Christianson Seed Company		
				RADISH, FODDER			
				Adagio	P.H. Petersen, Saatplicht		Y
				Viking	P.H. Petersen, Saatplicht		
				RAPE			
				All2	Ameri-Can Pedigreed Seed Company		Y
PHLOX, ANNUAL				Aspen	University of Idaho	Y (2)	
Palona Carmine	S&G Seeds B.V.			Bingo	Ameri-Can Pedigreed Seed Company		
Palona Deep Rose	S&G Seeds B.V.				University of Idaho	Y (2)	
Palona Deep Salmon	S&G Seeds B.V.			Bridger	University of Idaho	Y (2)	
Palona Light Salmon	S&G Seeds B.V.			Cascade	University of Idaho	Y (2)	
Palona White	S&G Seeds B.V.			Cathy	University of Idaho	Y (2)	
Palona White with Eye	S&G Seeds B.V.			Celebra	Svalof AB	Y (2)	
PRIMROSE, EVENING				Ceres	Calgene, Inc. and King Grain, Inc.		
Merlin	Scotia Pharmaceuticals Ltd.				Calgene, Inc. and King Grain, Inc.		
Rigel	Scotia Pharmaceuticals Ltd.	Y		Cobra	Svalof AB	Y (2)	
PUMPKIN				Crystal	W. Weibull AB		
Baby Bear	Johnny's Selected Seeds	Y		Delta	Calgene, Inc. and King Grain, Inc.		Y
Baby Boo	John Jaunsem			Falcon			
Bushkin	W. Atlee Burpee Company						

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
RAPE							
Glacier	Svalof AB	Y (2)		RICE			
Global	Svalof AB	Y (2)		M-103	California Cooperative Rice Research Foundation, Inc.	Y (3)	
Humus	University of Idaho	Y (2)					
IMC 01	Cargill Incorporated	Y (*)		M-203	California Cooperative Rice Research Foundation, Inc.	Y (3)	
IMC 02	Cargill Incorporated	Y (*)	Y				
IMC 129	Cargill Incorporated	Y (*)		M-204	California Cooperative Rice Research Foundation, Inc.	Y (3)	
IMC 130	Cargill Incorporated	Y (*)					
IMC 144	Cargill Incorporated	Y (*)		NFD 108	N. F. Davis Drier and Elevator, Inc.	Y (3)	
Legend	Svalof AB	Y (2)		NFD 109	N. F. Davis Drier and Elevator, Inc.	Y (3)	
LEI III	University of Idaho	Y (2)		NFD-181	N. F. Davis Drier and Elevator, Inc.	Y (3)	Y
Lindora-00	Canola, Inc.	Y (2)		RRI-105	Rice Researchers, Inc.		
Lirabon-00	Cargill, Inc.	Y (2)		RRI-7530	Rice Researchers, Inc.	Y (3)	
Liradonna	Agripro Seeds, Inc.	Y (3)		RT-A1001	Farms of Texas Company		
Printol	Cargill, Inc.	Y (2)		RT-A1002	Farms of Texas Company		
Rebel	University of Idaho	Y (2)		RT7015	RiceTec Seed Inc. (Farms of Texas Company)		
Topas	Svalof AB	Y (2)		S-101	California Cooperative Rice Research Foundation, Inc.	Y (3)	
Viking	L. Daehnfeldt, Inc.	Y (3)					
REED CANARYGRASS							
Palaton	Research Seeds, Inc.						
Venture	Research Seeds, Inc.						
RICE							
Amylo 17	Mitsubishi Chemical Corporation, Mitsubishi Corporation						
California Belle	N. F. Davis Drier and Elevator, Inc.	Y (*)		S-102	California Cooperative Rice Research Foundation, Inc.	Y (3)	Y
Calpearl	N. F. Davis Drier and Elevator, Inc.	Y (3)		S-301	California Cooperative Rice Research Foundation, Inc.	Y (3)	
CB-801	Farms of Texas Company						
Denosa	Hisparroz, S.A.	Y (3)	Y	S2-Calpearl	N. F. Davis Drier and Elevator, Inc.	Y (1)	
Donana	Hisparroz, S.A.	Y (3)		SP211	Western Rice Research Busch Agricultural Resources, Inc.		Y
Hareyaka	Mitsubishi Kasei Corporation, Mitsubishi Corporation	Y (3)		SP311	Western Rice Research Busch Agricultural Resources, Inc.		
Isla	Hisparroz, S.A.	Y (3)	Y	Sumirice II	Sumitomo Chemical Company, Ltd.		
KR4	Rice Researchers, Inc.						
KRM-2	Rice Researchers, Inc.						
L-203	California Cooperative Rice Research Foundation, Inc.	Y (3)					

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TITLE V 1994
(GEN.) PVPAKIND
VARIETYTITLE V 1994
(GEN.) PVPAKIND
VARIETY

APPLICANT

VARIETY

APPLICANT

RICE

V4716
V7713
V7817Farms of Texas Company
Farms of Texas Company
RiceTec Seed Inc. (Farms
of Texas Company)

Valencia 87

N. F. Davis Drier and
Elevator, Inc.

Yumekaori

Mitsubishi Chemical
Corporation and
Mitsubishi Corporation

RYE

Spoonier

Wisconsin Agricultural
Experiment Station

RYEGRASS (LOLIUM X HYBRIDUM)

3CN

Pure-Seed Testing, Inc.

Agree

Pure-Seed Testing, Inc.

Bison

International Seeds, Inc.

Oregon

Pure-Seed Testing, Inc.

Polly

L. Daehnfeldt, Inc.

RYEGRASS, ANNUAL

Caramba

Mommersteeg International
B.V.

Comet

Willamette Seed Company,
Inc.

Jackson

Mississippi Agricultural
and Forestry Experiment
Station

Marshall

Mississippi Agricultural
and Forestry Experiment
Station

Max

Willamette Seed Company,
Inc.

Multimo

Mommersteeg International
B.V.

RustMaster

L. Daehnfeldt, Inc.

Sakura-Wase

Snow Brand Seed Company
Ltd.

Southern Star

Forbes Seed and Grain,
Inc.

Surrey

Florida Agricultural
Experiment Station

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KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
RYEGRASS, PERENNIAL				RYEGRASS, PERENNIAL			
Cutless	International Seeds, Inc.			Repell	Lofts Seed, Inc.		
Dandy	R. H. Bailey Seed, Inc.			Riviera	Pickseed West Inc.		
Dasher	Pickseed West Inc.			Saturn	Pure-Seed Testing, Inc.		
Dasher II	Pickseed West Inc.			Seville	R. J. Peterson		
Delray	NK Lawn and Garden Company			SR 4000	Enterprises, Inc.		
Dillon	International Seeds, Inc.			SR 4100	Seed Research of Oregon, Inc.		
Dimension	Pure-Seed Testing, Inc.				Seed Research of Oregon, Inc.		
Elka	Cebeco Zaden B.V.			Stallion	KWS-AG		
Fantoom	Mommersteeg International B.V.			Surprise	Cebeco Zaden B.V.	Y (3)	
Fiesta	Pickseed West Inc.			Tara	Sharon K. Jones		
Fiesta II	Pickseed West Inc.			Trimmer	D.J. van der Have B.V.		
Friend	Snow Brand Seed Company Ltd.			Vantage	International Seeds, Inc.		
Gator	International Seeds, Inc.			Yatsyn 1	New Zealand Agriseeds Ltd.	Y (3)	
Goalie	NK Lawn and Garden Company			SAFFLOWER			
Jazz	Pure-Seed Testing, Inc.			AG 1029	Adams Seed Company		Y
Lindsay	International Seeds, Inc.			C/W 1221	Cal/West Seeds		
Lorina	Saatzucht Steinach GmbH.			C/W 88-OL	Cal/West Seeds		
Manhattan II	Pure-Seed Testing, Inc.			C/W-4440	Cal/West Seeds		
Mondial	Mommersteeg International B.V.			Centennial	Research and Development Institute, Inc.	Y (*)	
Nova	International Seeds, Inc.			Erlin	Research and Development Institute, Inc.	Y (*)	Y
Omega II	Pure-Seed Testing, Inc.			Montola 2001	Research and Development Institute, Inc.	Y (*)	Y
Ovation	Mommersteeg International B.V.			Montola-2000	Research and Development Institute, Inc.	Y (*)	
Palmer	Lofts Seed, Inc.			Morlin	Research and Development Institute, Inc.	Y (1)	Y
Pebble Beach	Pure-Seed Testing, Inc.			MT 3697	Montana Agricultural Experiment Station	Y (*)	
Pennant	Agriculture Service Corporation			Oker	Montana Agricultural Experiment Station	Y (*)	
Pinnacle	Normarc, Inc.			S-501	SeedTec International, Inc.	Y (3)	
Pleasure	Pickseed West Inc.			S-517	SeedTec International, Inc.	Y (3)	
Prelude	Lofts Seed, Inc.						
Premier	NPI Seed Inc.						
Ranger	D.J. van der Have B.V.						
Regal	International Seeds, Inc.						
Regency	Pure-Seed Testing, Inc.						

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KIND VARIETY	TITLE V 1994 (GEN.)	KIND PVPA	VARIETY	APPLICANT	APPLICANT
SAFFLOWER					
S-518				SeedTec International, Inc.	Pioneer Hi-Bred International, Inc.
S-553				SeedTec International, Inc.	Pioneer Hi-Bred International, Inc.
S-555				SeedTec International, Inc.	Pioneer Hi-Bred International, Inc.
S-710				SeedTec International, Inc.	Pioneer Hi-Bred International, Inc.
S-730				SeedTec International, Inc.	Pioneer Hi-Bred International, Inc.
SESAME					
Sesaco 2A				Sesaco Corporation	Pioneer Hi-Bred International, Inc.
Sesaco 3				Sesaco Corporation	Pioneer Hi-Bred International, Inc.
Sesaco 4				Sesaco Corporation	Pioneer Hi-Bred International, Inc.
Sesaco 7				Sesaco Corporation	Pioneer Hi-Bred International, Inc.
SORGHUM					
A8087C				Cargill, Inc.	Pioneer Hi-Bred International, Inc.
HP150				Holden's Foundation Seeds, Inc.	Pioneer Hi-Bred International, Inc.
PH227				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
PH232				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
PH256				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
PH257				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
PH288				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
PH289				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
PH308				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
PH309				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
PH310				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
PH328				Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.

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KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
SORGHUM				SOYBEAN			
R145	Northrup King Company			6847	Northrup King Company		
R159	Northrup King Company			6925	Northrup King Company		
SOYBEAN				6955	Northrup King Company		
0877	Pioneer Hi-Bred			6995	Northrup King Company		
1082	International, Inc.			71229-31008	Midwest Oilseeds, Inc.		
1282	Pioneer Hi-Bred			9007	Pioneer Hi-Bred		Y
	International, Inc.				International, Inc.		
2180	Pioneer Hi-Bred			9008	Pioneer Hi-Bred		Y
	International, Inc.				International, Inc.		
2400	Pioneer Hi-Bred			90210-30266	Midwest Oilseeds, Inc.		
2480	International, Inc.			90339-30435	Midwest Oilseeds, Inc.		
	Northrup King Company			9041	Pioneer Hi-Bred		Y
	Pioneer Hi-Bred				International, Inc.		
293	International, Inc.			9042	Pioneer Hi-Bred		Y
29725K	FFR Cooperative		Y		International, Inc.		
2981	Latham Seed Company			9061	Pioneer Hi-Bred		
	Pioneer Hi-Bred				International, Inc.		
3172	International, Inc.			9062	Pioneer Hi-Bred		
	Ciba-Geigy Corporation,				International, Inc.		
3202	Seeds Division			9071	Pioneer Hi-Bred		Y
	Ciba-Geigy Corporation,				International, Inc.		
3311	Seeds Division			9091	Pioneer Hi-Bred		
	Ciba-Geigy Corporation,				International, Inc.		
3481	Seeds Division			9092	Pioneer Hi-Bred		Y
	Pioneer Hi-Bred				International, Inc.		
34870	International, Inc.				Pioneer Hi-Bred		
3580	Latham Seed Company			9111	International, Inc.		
	Pioneer Hi-Bred				International, Inc.		
3615	International, Inc.			9121	Pioneer Hi-Bred		
	Ciba-Geigy Corporation,				International, Inc.		
	Seeds Division			9131	Pioneer Hi-Bred		
38735L	Latham Seed Company				International, Inc.		
5050	Jacob Hartz Seed Company,			9141	Pioneer Hi-Bred		Y
	Inc.				International, Inc.		
5482	Pioneer Hi-Bred			9161	Pioneer Hi-Bred		
	International, Inc.				International, Inc.		
60524-30575	Midwest Oilseeds, Inc.			9162	Pioneer Hi-Bred		
6727	Northrup King Company				International, Inc.		
6738	Northrup King Company			9171	Pioneer Hi-Bred		
	International, Inc.				International, Inc.		

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KIND VARIETY	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
SOYBEAN			SOYBEAN			
9181			9303	Pioneer Hi-Bred International, Inc.		
9191			9304	Pioneer Hi-Bred International, Inc.		Y
9201			9311	Pioneer Hi-Bred International, Inc.		
9202			9312	Pioneer Hi-Bred International, Inc.		
9204		Y	9321	Pioneer Hi-Bred International, Inc.		Y
9221			9331	Pioneer Hi-Bred International, Inc.		
9231			9341	Pioneer Hi-Bred International, Inc.		
9232			9342	Pioneer Hi-Bred International, Inc.		Y
9241			9351	Pioneer Hi-Bred International, Inc.		
9242		Y	9361	Pioneer Hi-Bred International, Inc.		
9251			9362	Pioneer Hi-Bred International, Inc.		Y
9252		Y	9381	Pioneer Hi-Bred International, Inc.		
9271			9391	Pioneer Hi-Bred International, Inc.		
9272			9392	Pioneer Hi-Bred International, Inc.		Y
9273			9393	Pioneer Hi-Bred International, Inc.		
9281		Y	9394	Pioneer Hi-Bred International, Inc.		Y
9292			9402	Pioneer Hi-Bred International, Inc.		
9293			9411	Pioneer Hi-Bred International, Inc.		
9301			9441	Pioneer Hi-Bred International, Inc.		
9302			9442	Pioneer Hi-Bred International, Inc.		

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(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.)	KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.)
SOYBEAN			SOYBEAN		
9443	Pioneer Hi-Bred International, Inc.		9711	Pioneer Hi-Bred International, Inc.	
9451	Pioneer Hi-Bred International, Inc.	Y	9721	Pioneer Hi-Bred International, Inc.	Y
9461	Pioneer Hi-Bred International, Inc.		9751	Pioneer Hi-Bred International, Inc.	
9471	Pioneer Hi-Bred International, Inc.		9761	Pioneer Hi-Bred International, Inc.	
9472	Pioneer Hi-Bred International, Inc.	Y	9791	Pioneer Hi-Bred International, Inc.	
9491	Pioneer Hi-Bred International, Inc.	Y	9831	Pioneer Hi-Bred International, Inc.	
9501	Pioneer Hi-Bred International, Inc.		A0358	Asgrow Seed Company	
9521	Pioneer Hi-Bred International, Inc.		A0949	Asgrow Seed Company	
9531	Pioneer Hi-Bred International, Inc.		A1179	Asgrow Seed Company	
9551	Pioneer Hi-Bred International, Inc.		A1214	Asgrow Seed Company	
9561	Pioneer Hi-Bred International, Inc.		A1395	Asgrow Seed Company	
9571	Pioneer Hi-Bred International, Inc.		A1525	Asgrow Seed Company	
9581	Pioneer Hi-Bred International, Inc.		A1662	Asgrow Seed Company	
9582	Pioneer Hi-Bred International, Inc.		A1895	Asgrow Seed Company	
9583	Pioneer Hi-Bred International, Inc.		A1900	Asgrow Seed Company	
9591	Pioneer Hi-Bred International, Inc.		A1923	Asgrow Seed Company	
9592	Pioneer Hi-Bred International, Inc.		A1929	Asgrow Seed Company	
9593	Pioneer Hi-Bred International, Inc.		A1937	Asgrow Seed Company	
9641	Pioneer Hi-Bred International, Inc.		A2012	Asgrow Seed Company	
9691	Pioneer Hi-Bred International, Inc.		A2187	Asgrow Seed Company	
			A2234	Asgrow Seed Company	
			A2242	Asgrow Seed Company	
			A2396	Asgrow Seed Company	
			A2427	Asgrow Seed Company	
			A2506	Asgrow Seed Company	
			A2522	Asgrow Seed Company	
			A2540	Asgrow Seed Company	
			A2543	Asgrow Seed Company	
			A2680	Asgrow Seed Company	
			A2722	Asgrow Seed Company	
			A2835	Asgrow Seed Company	
			A2872	Asgrow Seed Company	
			A2943	Asgrow Seed Company	

(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND	VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
SOYBEAN					SOYBEAN			
A3205		Asgrow Seed Company			A6242	Asgrow Seed Company		
A3237		Asgrow Seed Company		Y	A6297	Asgrow Seed Company		
A3242		Asgrow Seed Company			A6381	Asgrow Seed Company		
A3304		Asgrow Seed Company		Y	A6520	Asgrow Seed Company		
A3307		Asgrow Seed Company			A6711	Asgrow Seed Company		Y
A3313		Asgrow Seed Company		Y	A6785	Asgrow Seed Company		
A3322		Asgrow Seed Company			A6961	Asgrow Seed Company		
A3415		Asgrow Seed Company			A7258	Asgrow Seed Company		
A3420		Asgrow Seed Company			A7372	Asgrow Seed Company		
A3427		Asgrow Seed Company			A7986	Asgrow Seed Company		
A3431		Asgrow Seed Company		Y	Agassiz	Minnesota Agricultural Experiment Station	Y (3)	
A3501		Asgrow Seed Company				Minnesota Agricultural Experiment Station	Y (3)	
A3510		Asgrow Seed Company			Alpha			
A3511		Asgrow Seed Company						
A3733		Asgrow Seed Company			AP 120	Agripro Seeds, Inc.		
A3803		Asgrow Seed Company			AP 1650	Agripro Seeds, Inc.		
A3935		Asgrow Seed Company			AP 1776	Agripro Seeds, Inc.		
A3966		Asgrow Seed Company			AP 1989	Agripro Seeds, Inc.		
A4009		Asgrow Seed Company			AP 2021	Agripro Seeds, Inc.		
A4045		Asgrow Seed Company		Y	AP 2190	Agripro Seeds, Inc.		
A4138		Asgrow Seed Company		Y	AP 230	Agripro Seeds, Inc.		
A4271		Asgrow Seed Company			AP 2324	Agripro Seeds, Inc.		
A4341		Asgrow Seed Company		Y	AP 240	Agripro Seeds, Inc.		
A4393		Asgrow Seed Company			AP 250	Agripro Seeds, Inc.		
A4539		Asgrow Seed Company		Y	AP 3023	Agripro Seeds, Inc.		
A4595		Asgrow Seed Company			AP 3132	Agripro Seeds, Inc.		
A4715		Asgrow Seed Company			AP 350	Agripro Seeds, Inc.		
A4906		Asgrow Seed Company			AP 3773	Agripro Seeds, Inc.		
A4997		Asgrow Seed Company			AP 3977	Agripro Seeds, Inc.		
A5149		Asgrow Seed Company			AP 420	Agripro Seeds, Inc.		
A5308		Asgrow Seed Company			AP 4321	Agripro Seeds, Inc.		
A5403		Asgrow Seed Company			AP 55	Northrup King Company	Y (3)	
A5545		Asgrow Seed Company		Y	AP 71	Northrup King Company	Y (3)	
A5560		Asgrow Seed Company		Y	Archer	Iowa State University	Y (3)	
A5843		Asgrow Seed Company				Research Foundation, Inc.		
A5885		Asgrow Seed Company			Ardir	Pioneer Hi-Bred		
A5939		Asgrow Seed Company				International, Inc.		
A5979		Asgrow Seed Company			Avery	Curators of the	Y (3)	
A5980		Asgrow Seed Company				University of Missouri		

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
SOYBEAN				SOYBEAN			
B095	Northrup King Company			Camp	Virginia Polytechnic Institute and State University	Y (2)	
B117	Northrup King Company						
B152	Northrup King Company			Century 84	Ohio Agricultural Research and Development Center, Ohio State University	Y (*)	
B203	Northrup King Company						
B236	Northrup King Company						
B242	Northrup King Company						
B335	Northrup King Company						
Bell	University of Illinois	Y (3)		Chamberlain	Illinois Agricultural Experiment Station	Y (*)	
Bellatti-R-77-84	Louis Bellatti	Y (3)					
Bert	Minnesota Agricultural Experiment Station	Y (3)		Chapman	Ohio Agricultural Research and Development Center, Ohio State University	Y (3)	
Birch	Illinois Foundation Seeds, Inc.	Y (2)					
Bradley	Curators of the University of Missouri	Y (3)		Charleston	Ohio Agricultural Research and Development Center and USDA-ARS	Y (3)	
Brim	North Carolina Agricultural Research Service and USDA-ARS	Y (3)		Chesapeake	Virginia Polytechnic Institute and State University	Y (3)	
Bronson	Purdue University, Indiana Agricultural Experiment Station	Y (3)	Y				
BSR 201	Iowa Agriculture and Home Economics Experiment Station	Y (3)		Coker 317	Northrup King Company	Y (3)	
BSR 302	Iowa Agriculture and Home Economics Experiment Station	Y (3)		Coker 355	Northrup King Company	Y (3)	
BT 1422	Zilller Seed Company, Inc.			Coker 368	Northrup King Company	Y (3)	
BT 1790	Zilller Seed Company, Inc.			Coker 393	Northrup King Company	Y (3)	
BT 2585	Zilller Seed Company, Inc.			Coker 425	Northrup King Company	Y (3)	
BT 2877	Zilller Seed Company, Inc.			Coker 485	Northrup King Company	Y (3)	
BT 2911	Zilller Seed Co., Inc.			Coker 627	Northrup King Company	Y (3)	
BT 2919	Zilller Seed Company, Inc.			Coker 686	Northrup King Company	Y (3)	
Buckshot 723	Louisiana Agricultural Experiment Station		Y	Collier	Northrup King Company B. B. Collier-Barney A. Smith	Y (1)	
Burlison	Illinois Agricultural Experiment Station			Conrad	Iowa Agriculture and Home Economics Experiment Station	Y (3)	
Calhoun	Kentucky Agricultural Experiment Station	Y (3)		Corsica	Maryland Agricultural Experiment Station	Y (3)	
				CS20	Callahan Enterprises, Inc.		
				CS24	Callahan Enterprises, Inc.		
				CS31	Callahan Enterprises, Inc.		

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(Through April 13, 1998)

KIND VARIETY	TITLE V 1994		KIND VARIETY	TITLE V 1994		APPLICANT	TITLE V 1994	
	(GEN.)	PVPA		(GEN.)	PVPA		(GEN.)	PVPA
SOYBEAN								
CS38			Callahan Enterprises, Inc.			DEKALB Plant Genetics		Y
CS45			Callahan Enterprises, Inc.			DEKALB Genetics Corporation		Y
CX046			DEKALB Genetics Corporation	Y		DEKALB Genetics Corporation		Y
CX121			DEKALB Plant Genetics			DEKALB Genetics Corporation		Y
CX173			DEKALB Genetics Corporation	Y		DeKalb-Pfizer Genetics		
CX205			DEKALB Genetics Corporation	Y		DEKALB Plant Genetics		
CX210			DEKALB Plant Genetics			DEKALB Genetics Corporation		
CX228			DEKALB Plant Genetics	Y		Milburn Farms, Inc.	Y (1)	
CX232			DEKALB Genetics Corporation	Y		Minnesota Agricultural Experiment Station	Y (3)	
CX248			DEKALB Plant Genetics	Y		Minnesota Agricultural Experiment Station	Y (*)	
CX252			DEKALB Genetics Corporation	Y		Curators of the University of Missouri	Y (3)	
CX260C			DEKALB Genetics Corporation			Curators of the University of Missouri	Y (3)	
CX267			DEKALB Plant Genetics	Y		Curators of the University of Missouri	Y (3)	
CX278			DEKALB Genetics Corporation			Curators of the University of Missouri	Y (3)	
CX291			DEKALB Plant Genetics			Curators of the University of Missouri	Y (3)	
CX298			DeKalb-Pfizer Genetics			Curators of the University of Missouri	Y (3)	
CX313			DEKALB Genetics Corporation	Y		Delta and Pine Land Company	Y (3)	
CX314			DEKALB Genetics Corporation	Y		Delta and Pine Land Company		
CX329			DEKALB Plant Genetics			Delta and Pine Land Company		
CX335			DEKALB Genetics Corporation	Y		Delta and Pine Land Company		
CX351			DEKALB Genetics Corporation	Y		Delta and Pine Land Company		
CX360			DEKALB Genetics Corporation	Y		Delta and Pine Land Company		
CX377			DEKALB Plant Genetics	Y		Delta and Pine Land Company		
CX394C			DEKALB Genetics Corporation	Y		Delta and Pine Land Company		

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
SOYBEAN							
Deltapine 675	Delta and Pine Land Company			DSR-120	Dairyland Seed Company, Inc.	Y (2)	
Deltapine 726	Delta and Pine Land Company			DSR-128	Dairyland Seed Company, Inc.		
Deltapine 878	Delta and Pine Land Company			DSR-141	Dairyland Seed Company, Inc.	Y (2)	
Desoto	Kansas Agricultural Experiment Station	Y (3)		DSR-155	Dairyland Seed Company, Inc.		
Doles	University of Georgia Research Foundation, Inc.	Y (2)	Y	DSR-171	Dairyland Seed Company, Inc.	Y (2)	
Douglas	Kansas Agricultural Experiment Station	Y (3)		DSR-207	Dairyland Seed Company, Inc.	Y (2)	
DP 3519S	Delta and Pine Land Company		Y	DSR-227	Dairyland Seed Company, Inc.	Y (2)	
DP 3553	Delta and Pine Land Company		Y	DSR-232	Dairyland Seed Company, Inc.	Y (2)	
DP 3570	Delta and Pine Land Company		Y	DSR-262	Dairyland Seed Company, Inc.		
DP 3571S	Delta and Pine Land Company		Y	DSR-287	Dairyland Seed Company, Inc.		
DP 3588	Delta and Pine Land Company		Y	DSR-297	Dairyland Seed Company, Inc.		
DP 3589	Delta and Pine Land Company		Y	DSR-317	Dairyland Seed Company, Inc.		
DP 3606	Delta and Pine Land Company		Y	DSR-320	Dairyland Seed Company, Inc.	Y (2)	
DP 3627	Delta and Pine Land Company			DSR-352	Dairyland Seed Company, Inc.	Y (2)	
DP 3640	Delta and Pine Land Company		Y	DSR-373	Dairyland Seed Company, Inc.		
DP 3681	Delta and Pine Land Company		Y	Edison	Ohio Agricultural Research and Development Center, Ohio State University	Y (3)	
DP 3682	Delta and Pine Land Company		Y				
DP 3733	Delta and Pine Land Company		Y	Elgin 87	Iowa Agriculture and Home Economics Experiment Station	Y (3)	
DP 3776	Delta and Pine Land Company		Y	EPPS	Dr. E. E. Hartwig, USDA	Y (3)	
DP 3818	Delta and Pine Land Company			Faribault	Minnesota Agricultural Experiment Station	Y (3)	Y

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(Through April 13, 1998)

KIND VARIETY	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
SOYBEAN						
FFR 253			FFR Cooperative	Center, Ohio State University		
FFR 299			FFR Cooperative	Minnesota Agricultural Experiment Station	Y (3)	Y
FFR 343			FFR Cooperative	Agripro Seeds, Inc.		
FFR 373			FFR Cooperative	Agripro Seeds, Inc.		
FFR 398			FFR Cooperative	Soybean Research Foundation, Inc.		
FFR 464			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 500			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 553			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 560			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 561			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 565			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 583			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 595			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 646			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 668			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 695			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
FFR 731			FFR Cooperative	Jacob Hartz Seed Company, Inc.		
Flyer			Ohio Agricultural Research and Development Center, Ohio State University			
Freeborn			Minnesota Agricultural Experiment Station			
GK-67			Agripro Seeds Inc.			
GL 2250			Soybean Research Foundation, Inc.			
Glacier			Minnesota Agricultural Experiment Station			
Glenwood			Minnesota Agricultural Experiment Station			
Gnome 85			Ohio Agricultural Research and Development Center and USDA-ARS			
GR8836			Ohio Agricultural Research and Development Center, Ohio State University			
GR8936			Ohio Agricultural Research and Development Center			

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KIND	TITLE V	1994	KIND	TITLE V	1994
VARIETY	(GEN.)	PVPA	VARIETY	(GEN.)	PVPA
APPLICANT	APPLICANT		APPLICANT		

(*) No limit to the number of generations of certified seed beyond breeders seed.

STATE VARIETY EVALUATION CHARTER

(Through April 13, 1998)

KIND VARIETY	TITLE V 1994		KIND VARIETY	APPLICANT	TITLE V 1994		KIND VARIETY	APPLICANT	TITLE V 1994	
	(GEN.)	PVPA			(GEN.)	PVPA			(GEN.)	PVPA
SOYBEAN										
Hutcheson				Virginia Polytechnic Institute and State University	Y (*)		SOYBEAN	Kansas Agricultural Experiment Station	Y (3)	Y
HY 798			Y	University of Georgia Research Foundation, Inc.			KS4694	Kansas Agricultural Experiment Station	Y (3)	
J-112				The Lubrizol Corporation			KS5292	University of Illinois	Y (2)	
J-231				The Lubrizol Corporation			Kunitz	Land O'Lakes, Inc.		
J-72				The Lubrizol Corporation			L1771	Land O'Lakes, Inc.		
J-8287				The Lubrizol Corporation			L2330	Land O'Lakes, Inc.		
J-8389				The Lubrizol Corporation			L2333	Land O'Lakes, Inc.		
J103				The Lubrizol Corporation			L4104	Land O'Lakes, Inc.		
J82				The Lubrizol Corporation			L4106	Land O'Lakes, Inc.		
Jack			Y (3)	University of Illinois			L4204	Land O'Lakes, Inc.		
Johnston			Y (3)	North Carolina Agricultural Experiment Station			L4207	Land O'Lakes, Inc.		
K87				King Agro Inc.			L4303	Land O'Lakes, Inc.		
Kasota			Y (3)	Minnesota Agricultural Experiment Station			L4404	Land O'Lakes, Inc.		
Kato			Y (3)	Minnesota Agricultural Experiment Station			L4503	Land O'Lakes, Inc.		
Keller			Y (3)	Purdue University Agricultural Experiment Station			L4504	Land O'Lakes, Inc.		
Kenwood			Y (3)	Iowa Agriculture and Home Economics Experiment Station			Lakota	Iowa Agriculture and Home Economics Experiment Station	Y (3)	
KG20				King Grain, Inc.			Lambert	Minnesota Agricultural Experiment Station	Y (3)	
KG30				King Grain, Inc.			Leflore	Mississippi Agricultural and Forestry Experiment Station and USDA-ARS	Y (3)	
KG60			Y (3)	King Grain, Inc.			Leslie	Minnesota Agricultural Experiment Station	Y (3)	
KG70				King Grain, Inc.			LS301	Iowa Agriculture and Home Economics Experiment Station		
Kosuzu				Tohoku National Agricultural Experiment Station, Ministry of Agriculture, Forestry and Fisheries			Manokin	Maryland Agricultural Experiment Station	Y (3)	
KS 3494			Y (3)	Kansas Agricultural Experiment Station			Marcus	Iowa Agriculture and Home Economics Experiment Station	Y (3)	
KS4390			Y (3)	Kansas Agricultural Experiment Station			Maxcy	South Carolina Agricultural Experiment Station	Y (2)	Y

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
SOYBEAN							
Minnatto	Minnesota Agricultural Experiment Station	Y (2)		SOYBEAN	Northrup King Company		
Mitchell 410	Northrup King Company			RA-452	Northrup King Company		
NattoKing K86	King Agro Inc.			RA-481	Northrup King Company		
Nebsoy	Nebraska Agricultural Experiment Station	Y (3)		RA-502	Northrup King Company		
	Ohio Agricultural Experiment Station	Y (*)		RA-580	Northrup King Company		
Ohio FG1	Ohio Agricultural Research and Development Center, Ohio State University	Y (*)		RA-606	Northrup King Company		
	Ohio Agricultural Research and Development Center, Ohio State University	Y (*)		RA-680	Northrup King Company		
Ohio FG2	Ohio Agricultural Research and Development Center, Ohio State University	Y (*)		Regal	Purdue University	Y (3)	
	Ohio Agricultural Research and Development Center, Ohio State University	Y (*)			Agricultural Experiment Station and USDA-ARS		
Ozzie	Minnesota Agricultural Experiment Station	Y (3)		Resnik	Ohio Agricultural Research and Development Center, Ohio State University	Y (3)	
Parker	Minnesota Agricultural Experiment Station	Y (3)			Ohio Agricultural Research and Development Center and USDA-ARS		
Pearl	North Carolina Agricultural Research Service and USDA-ARS	Y (3)		Ripley	The Lubrizol Corporation	Y (3)	
Pennyrile	Kentucky Agricultural Experiment Station	Y (3)			The Lubrizol Corporation		
Pershing	Curators of the University of Missouri	Y (3)			Agripro Seeds, Inc.		Y
Piatt	Illinois Agricultural Experiment Station	Y (3)			Northrup King Company		
Pixie	Ohio Agricultural Research and Development Center, Ohio State University	Y (3)			Northrup King Company		Y
	Ohio Agricultural Research and Development Center, Ohio State University	Y (3)			Northrup King Company		Y
PL 707743	Soybean Research Foundation, Inc.				Novartis Seeds, Inc.		Y
Platte	University of Nebraska and SEA, USDA	Y (3)			Northrup King Company		
PRN-82	BSF Ag Research				Northrup King Company		
RA-403	Northrup King Company				Northrup King Company		
RA-405	Northrup King Company				Northrup King Company		
RA-451	Northrup King Company				Northrup King Company		

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KIND	TITLE V 1994		KIND	TITLE V 1994		APPLICANT	TITLE V 1994 (GEN.)	PVPA	TITLE V 1994 (GEN.)	PVPA
VARIETY	VARIETY	VARIETY		VARIETY						
SOYBEAN			SOYBEAN							
S24-24	Northrup	King	S57-11	Northrup	King	Company			Y	
S24-92	Northrup	King	S59-19	Northrup	King	Company				
S25-07	Northrup	King	S59-60	Northrup	King	Company				
S25-15	Northrup	King	S59-95	Northrup	King	Company			Y	
S26-06	Northrup	King	S61-10	Northrup	King	Company				
S27-10	Northrup	King	S61-89	Northrup	King	Company				
S28-01	Northrup	King	S62-66	Northrup	King	Company				
S28-18	Northrup	King	S64-23	Northrup	King	Company				
S29-11	Northrup	King	S66-90	Northrup	King	Company	Y		Y	
S29-18	Northrup	King	S69-54	Northrup	King	Company	Y			
S29-20	Northrup	King	S69-96	Northrup	King	Company				
S29-39	Northrup	King	S72-60	Northrup	King	Company				
S30-06	Northrup	King	S74-40	Northrup	King	Company	Y			
S30-31	Northrup	King	S75-55	Northrup	King	Company			Y	
S30-41	Northrup	King	S83-30	Northrup	King	Company				
S31-33	Northrup	King	Sampson	Helena Chemical Company						
S33-32	Northrup	King	Sanalona	Prairie Seed Company, Inc.						
S33-45	Northrup	King								
S34-19	Northrup	King	Sandusky	Ohio Agricultural Research and Development Center, The Ohio State University Research Foundation					Y (*)	
S35-35	Northrup	King								
S36-36	Northrup	King								
S38-83	Northrup	King								
S39-11	Northrup	King								
S39-41	Northrup	King	Sharkey	Mississippi Agricultural and Forestry Experiment Station			Y		Y (3)	
S39-93	Northrup	King								
S39-99	Northrup	King								
S40-44	Northrup	King	Sherman	Ohio Agricultural Research and Development Center, Ohio State University					Y (3)	
S42-30	Northrup	King					Y			
S42-32	Northrup	King								
S42-40	Northrup	King								
S42-50	Northrup	King	Shiloh	Helena Chemical Company						
S42-60	Northrup	King	Sibley	Minnesota Agricultural Experiment Station			Y		Y (3)	
S43-34	Northrup	King								
S44-77	Northrup	King	Simpson	Minnesota Agricultural Experiment Station					Y (*)	
S45-01	Northrup	King					Y (*)			
S46-44	Northrup	King	Sparks	Kansas Agricultural Experiment Station					Y (3)	
S48-84	Northrup	King								
S52-25	Northrup	King	Spartan	Bryco, Inc.			Y		Y (3)	
S53-34	Northrup	King								

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KIND	TITLE V 1994	KIND	TITLE V 1994
VARIETY	(GEN.)	PVPA	VARIETY
APPLICANT	(GEN.)	APPLICANT	(GEN.)
			PVPA

(*) No limit to the number of generations of certified seed beyond breeders seed.

PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
SQUASH				TOBACCO			
Bunutkan	Charles Tateosian			K317	Northrup King Company	Y (*)	
Swan White Table	Swan Health Farms and			K326	Northrup King Company	Y (*)	
Queen	Cattle Company, Inc.			K340	Northrup King Company	Y (3)	
STEIRODISCUS				K346	Northrup King Company	Y (*)	
Gold Rush	American Takii, Inc.	Y (1)		K358	Northrup King Company	Y (*)	
STEVIA				K394	Northrup King Company	Y (*)	
P. J. Suzuki	F. K. Suzuki			K399	Northrup King Company	Y (*)	
	International, Inc.			K730	Northrup King Company	Y (3)	
SUDANGRASS	Walter K. Moss			Speight G-108	Speight Seed Farms, Inc.	Y (3)	
WKM III				Speight G-117	Speight Seed Farms, Inc.	Y (3)	
SUNFLOWER				Speight G-58	Speight Seed Farms, Inc.	Y (3)	
687	Cargill, Inc.			Speight-G-80	Speight Seed Farms, Inc.	Y (3)	
IS 2168	Interstate Seed Company			TOMATO			
IS 2501	Interstate Seed Company			71-72	Del Monte Corporation		
IS 3401	Interstate Seed Company			71-75	Del Monte Corporation		
IS 3795	Interstate Seed Company			887	LSL Biotechnologies, Inc.		
Lyngs Premier	Ed. J. Lyng Co., Division		Y	888	LSL Biotechnologies, Inc.		
California	of Trinidad Benham Corp.			Advantage	Harris Moran Seed Company		
Greystripe				Apex 1000	Harris Moran Seed Company		
PHA009	Pioneer Hi-Bred			Baxter's Early Bush	Walter Baxter Seed		
	International, Inc.			Cherry	Company, Inc.		
PHA043	Pioneer Hi-Bred		Y	Beall's Gourmet	Frances B. Chesser		
	International, Inc.			Butte	Harris Moran Seed Company		
PHA052	Pioneer Hi-Bred		Y	Castle Red	Sunseeds Company		
	International, Inc.			Castlerock	Sunseeds Company		
PHA053	Pioneer Hi-Bred		Y	Castlong ug	Sunseeds Company		
	International, Inc.			Cherokee	North Carolina		
PHA061	Pioneer Hi-Bred		Y		Agricultural Experiment		
	International, Inc.				Station		
SS405B	Northrup King Company			Colusa	Harris Moran Seed Company		
Sunspot	K. Sahin, Zaden B.V., and			CX 8106	Campbell Soup Company,		
	Dr. Ir. E. Sahin				Campbell Institute for		
TEFF					Research and Technology		
Dessie	The Teff Company	Y (2)	Y	Diablo	Harris Moran Seed Company		
TOBACCO				DNAP-17	DNA Plant Technology		
Coker 176	Northrup King Company	Y (3)			Corporation		
Coker 206	Northrup King Company	Y (3)		DNAP-9	DNA Plant Technology		
Coker 371 Gold	Northrup King Company	Y (1)			Corporation		
Coker 51	Northrup King Company	Y (*)					

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TITLE V	1994
(GEN.)	PVPA
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TITLE V 1994
(GEN.) PVPAKIND
VARIETYTITLE V 1994
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VARIETYTITLE V 1994
(GEN.) PVPA

APPLICANT

VARIETY

APPLICANT

TREFOIL, BIRDSFOOT

Fergus	University of Kentucky				Auburn University
TRITICALE					Agricultural Experiment
102	Resource Seeds, Inc.	Y	VINCA		Station
2700	Resource Seeds, Inc.				
6600	Resource Seeds, Inc.	Y	Grape Cooler		Pan American Seed Company
Blizzard	Drs. Fred C. and Nancy A. Elliott	Y	Heat Wave White		John Bodger and Sons
					Company
Buxom	Drs. Fred C. and Nancy A. Elliott	Y	Little Salmon		Sakata Seed America, Inc.
			Parasol		The University of
Enduro	Agrecol Corporation	Y (1)			Connecticut
Eve	Resource Seeds, Inc.		Passion		John Bodger and Sons
Grace	Resource Seeds, Inc.				Company
Jenkins	Resource Seeds, Inc.		Peppermint Cooler		Pan American Seed Company
Norico	Drs. Fred C. and Nancy A. Elliott	Y	Pink Panther		John Bodger and Sons
					Company
Nutricale	Fred C. Elliott		Tropicana Blush		The University of
Roughrider	Goertzen Seed Research				Connecticut
Stan II	Resource Seeds, Inc.		Tropicana Bright Eye		The University of
Stan-I	Resource Seeds, Inc.				Connecticut
Triti-Gold 22	Dean Bork		Tropicana Pink		The University of
Victoria	Resource Seeds, Inc.				Connecticut
TURNIP			Tropicana Rose		The University of
Mosa	Zelder B.V.				Connecticut
Royal Gem	Harris Moran Seed Company				
VERBENA, ANNUAL			WATERMELON		
Romance Deeprose	S&G Seeds B.V.		AU-Golden Producer	Y (3)	Alabama Agricultural
Romance Scarlet	S&G Seeds B.V.			Y (3)	Experiment Station
Romance Scarlet Eyed	S&G Seeds B.V.		AU-Jubilant		Alabama Agricultural
Romance White	S&G Seeds B.V.				Experiment Station,
VETCH, COMMON					Department of
Cahaba White	Auburn University		AU-Producer	Y (3)	Horticulture
	Agricultural Experiment				Alabama Agricultural
	Station				Experiment Station,
					Department of
Nova II	Auburn University				Horticulture
	Agricultural Experiment		AU-Sweet Scarlet	Y (3)	Alabama Agricultural
	Station				Experiment Station
Vanguard	Auburn University		Big Crimson		Coffey Seed Company
	Agricultural Experiment		Bush Charleston Gray		Musser Seed Company, Inc.
	Station		Bush Jubilee		Musser Seed Company, Inc.

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND	VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	TITLE V (GEN.)	1994 PVPA
WATERMELON							
Charlee	Florida Agricultural Experiment Station	Florida Agricultural Experiment Station			WHEAT, COMMON		
Charleston Elite	Northrup King Company	Northrup King Company			2369		
Chubby Gray	Coffey Seed Company	Coffey Seed Company			2370		
Crimson Diamond	Coffey Seed Company	Coffey Seed Company			2371		
Cutter 55	Coffey Seed Company	Coffey Seed Company			2375		
Domek	Seminis Vegetable Seeds, Inc.	Seminis Vegetable Seeds, Inc.			2385		
Jubilee II	Florida Agricultural Experiment Station	Florida Agricultural Experiment Station			2398		
Juliett	Rogers NK Seed Company	Rogers NK Seed Company			2510		
Long Crimson	Coffey Seed Company	Coffey Seed Company			2540		
Louisiana Sweet	Louisiana Agricultural Experiment Station	Louisiana Agricultural Experiment Station	Y (*)		2545		
Mickylee	Florida Agricultural Experiment Station	Florida Agricultural Experiment Station			2548		
Minilee	Florida Agricultural Experiment Station	Florida Agricultural Experiment Station			2550		
Perola	Seminis Vegetable Seeds, Inc.	Seminis Vegetable Seeds, Inc.			2551		
Sun Gold	Harris Moran Seed Company	Harris Moran Seed Company			2552		
Sunsweet	Northrup King Company	Northrup King Company			2553		
Sweet Treat	W. Atlee Burpee Company	W. Atlee Burpee Company			2555		
Tastigold	Coffey Seed Company	Coffey Seed Company			2566		
Yellow Crimson	Coffey Seed Company	Coffey Seed Company			2568		
WHEAT, COMMON							
2154	Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.			2571		
2157	Kansas Agricultural Experiment Station	Kansas Agricultural Experiment Station	Y (3)		2580		
2158	Kansas Agricultural Experiment Station	Kansas Agricultural Experiment Station	Y (3)		25R26		
2163	Kansas Agricultural Experiment Station	Kansas Agricultural Experiment Station	Y (3)		25R57		
2165	Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.			25W33		
2172	Kansas Agricultural Experiment Station	Kansas Agricultural Experiment Station	Y (3)				
2180	Kansas Agricultural Experiment Station	Kansas Agricultural Experiment Station	Y (3)				

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	WHEAT, COMMON	TITLE V (GEN.)	1994 PVPA	APPLICANT	TITLE V (GEN.)	1994 PVPA
WHEAT, COMMON										
2628	Pioneer Hi-Bred International, Inc.		Y	A99ar				Causmex Corporation	Y (2)	
2643	Pioneer Hi-Bred International, Inc.			Abilene Adder				Agripro Seeds, Inc.	Y (3)	
2684	Pioneer Hi-Bred International, Inc.							Purdue University Agricultural Experiment Station and USDA-ARS	Y (3)	
2691	Pioneer Hi-Bred International, Inc.		Y	Adena				Ohio Agricultural Research and Development Center, Ohio State University	Y (2)	
2737W	Pioneer Hi-Bred International, Inc.									
5409	Seed Research Division, Agrigenetics Corp.	Y (3)		Admire Akron Alliance				World Wide Wheat L.L.C. Colorado State University Board of Regents, University of Nebraska and USDA-ARS	Y (3)	Y
5469	The Lubrizol Corporation									Y
5630	The Lubrizol Corporation									Y
711	HybriTech Seed International, Inc.			Apex 83				Western Plant Breeders, Inc.	Y (*)	
715	HybriTech Seed International, Inc.			Arapahoe				Board of Regents, University of Nebraska and USDA-ARS	Y (3)	
771	Northrup King Company									
775	Northrup King Company									
7805	HybriTech Seed International, Inc.	Y (3)		Archer Arkan				Agripro Seeds, Inc. Kansas Agricultural Experiment Station	Y (3)	
7833	HybriTech Seed International, Inc.	Y (3)		Arlin				Kansas Agricultural Experiment Station	Y (3)	Y
7837	HybriTech Seed International, Inc.	Y (3)		ATW 270				Florida Agricultural Experiment Station	Y (3)	
7846	HybriTech Seed International, Inc.	Y (3)		Auburn				Purdue University Agricultural Experiment Station and USDA-ARS	Y (3)	
812	Northrup King Company									
814	Northrup King Company			Augusta				Michigan State University	Y (2)	
817	HybriTech Seed International, Inc.			Bailey 4287				Bailey Seed Farms, Inc. and BSF Ag Research	Y (3)	
822	MBS Seed, Inc.			Baker				Western Plant Breeders, Inc.	Y (*)	
830	HybriTech Seed International, Inc.									
835	HybriTech Seed International, Inc.			Basin Becker				Columbia Basin Seeds Ohio Agricultural Research and Development Center, Ohio State University	Y (3)	Y (2)
9227	Northrup King Company	Y (3)								
9323	Northrup King Company	Y (3)								

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
WHEAT, COMMON				WHEAT, COMMON			
Bergen	Agripro Seeds, Inc.	Y (3)		Clemens	Agripro Seeds, Inc.	Y (3)	
Big Dawg	HybriTech Seed International, A Unit of Monsanto Company	Y (3)	Y	Cody	Board of Regents, University of Nebraska	Y (3)	
Bighorn	HybriTech Seed International, Inc.	Y (3)		Coker 762	Northrup King Company	Y (3)	
Blazer	Agripro Seeds, Inc.	Y (3)		Coker 797	Northrup King Company	Y (3)	
Bonneville	Idaho Agricultural Experiment Station			Coker 833	Northrup King Company	Y (3)	
Boone	Agripro Seeds, Inc.	Y (3)		Coker 9024	Northrup King Company	Y (3)	
BORDER	Western Plant Breeders, Inc.	Y (3)	Y	Coker 9105	Northrup King Company	Y (3)	
Brawny	Seed Research Division, Agrigenetics Corp.	Y (3)		Coker 9134	Northrup King Company	Y (3)	
Brooks	Western Plant Breeders, Inc.		Y	Coker 916	Northrup King Company	Y (3)	
Buckshot	Agripro Seeds, Inc.	Y (3)		Coker 9474	Northrup King Company	Y (3)	
Caldwell	Purdue University Agricultural Experiment Station and USDA-ARS	Y (3)		Coker 9543	Northrup King Company	Y (3)	
Cardinal	Ohio Agricultural Research and Development Center, Ohio State University	Y (3)		Coker 9733	Northrup King Company	Y (3)	
Cashup	Columbia Basin Seeds	Y (3)		Coker 9766	Northrup King Company	Y (*)	
Catoctin	University of Maryland	Y (3)	Y	Coker 9803	Northrup King Company	Y (3)	
Cavalier	World Wide Wheat L.L.C.	Y (3)		Coker 983	Northrup King Company	Y (3)	
Celtic	Agripro Seeds, Inc.	Y (3)		Coker 9835	Northrup King Company	Y (3)	
Centennial	Idaho Agricultural Experiment Station			Coker 9877	Northrup King Company	Y (3)	
Centura	Board of Regents, University of Nebraska and USDA-ARS	Y (3)		Coker 9904	Northrup King Company	Y (3)	
Chelsea	Michigan State University	Y (2)		Coker 9907	Northrup King Company	Y (3)	
Citation	Seed Research Division, Agrigenetics Corp.	Y (3)		Colt	Board of Regents, University of Nebraska and USDA-ARS	Y (3)	
Clark	Purdue University Agricultural Experiment Station	Y (2)		Compton	Purdue University	Y (3)	
				Coronado	Agricultural Experiment Station and USDA-ARS		
				Dalen	AgriPro Seeds, Inc.	Y (3)	Y
				Discovery	Agripro Seeds, Inc.	Y (3)	
				Dodge	Goertzen Seed Research	Y (3)	
				Duke	Kansas Agricultural	Y (3)	
				Dynasty	Experiment Station		
				Encore	Colorado State University	Y (3)	
				Erik	Ohio Agricultural	Y (3)	
					Research and Development Center, Ohio State University		
					Seed Research Division, Agrigenetics Corp.	Y (3)	
					Agripro Seeds, Inc.	Y (3)	

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PLANT VARIETY PROTECTION CERTIFICATES (Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
WHEAT, COMMON Ernest Excel	NDSU Research Foundation Ohio Agricultural Research and Development Center, Ohio State University	Y (3) Y (3)	Y	Geneva	Cornell University Agricultural Experiment Station	Y (2)	1994 PVPA
Express	Western Plant Breeders, Inc.	Y (*)		Glacier	Wisconsin Agricultural Experiment Station	Y (2)	
Feland	Southern States Cooperative, Inc.	Y (3)		Glupro GR 855	NDSU Research Foundation The Ohio State University Research Foundation	Y (3) Y (2)	Y
Fergus	Western Plant Breeders, Inc.	Y (3)	Y	GR860	Ohio Agricultural Research and Development Center, Ohio State University	Y (2)	
FFR 525W	FFR Cooperative		Y	GR863	Ohio Agricultural Research and Development Center, Ohio State University	Y (2)	
FFR 555W	FFR Cooperative				Ohio Agricultural Research and Development Center, Ohio State University		
Fillmore	Purdue University Agricultural Experiment Station and USDA-ARS	Y (3)		GR876	Ohio Agricultural Research and Development Center, Ohio State University	Y (2)	
Florida 302	Florida Agricultural Experiment Station	Y (3)			Ohio Agricultural Research and Development Center, Ohio State University		
Florida 303	Florida Agricultural Experiment Station	Y (3)		GR915	Ohio Agricultural Research and Development Center, Ohio State University		
Florida 304	Florida Agricultural Experiment Station, University of Florida	Y (3)			Ohio Agricultural Research and Development Center, Ohio State University		
Frankenmuth Freedom	Michigan State University Ohio Agricultural Research and Development Center, Ohio State University	Y (2) Y (3)		Grant	Purdue University, Indiana Agricultural Experiment Station	Y (2)	
Frontiersman	Seed Research Division, Agrigenetics Corp.	Y (3)		GSR 2500 Guard	Goertzen Seed Research South Dakota Agricultural Experiment Station	Y (3) Y (3)	Y
G1878	Goertzen Seed Research Inc.	Y (3)		Gunner	Colorado State University	Y (3)	Y
GA-Dozier	University of Georgia Research Foundation, Inc.	Y (2)	Y	Halt Haven	Goertzen Seed Research AgriPro Seeds, Inc.	Y (3) Y (3)	Y
GA-Stuckey	University of Georgia Research Foundation, Inc.	Y (2)	Y	Hawk Hickory	Goertzen Seed Research AgriPro Seeds, Inc.	Y (3) Y (3)	Y
Garland	Utah Agricultural Experiment Station	Y (3)		Hillsdale Hipro Houser	Michigan State University Sogetal, Inc. Cornell University Agricultural Experiment Station	Y (2) Y (3) Y (2)	

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TITLE	V	1994
(GEN.)		PVPA

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	TITLE V (GEN.)	1994 PVPA
WHEAT, COMMON						
Poco Red	World Wide Wheat L.L.C.	Y (3)		Siouxland	Y (3)	
Ponderosa	Agripro Seeds, Inc.	Y (3)				
Pontiac	Agripro Seeds, Inc.	Y (3)		Siouxland 89	Y (3)	
Pony	HybriTech Seed	Y (3)		Sonja	Y (3)	
	International, Inc.			Southern Belle	Y (3)	
PR2360	Pioneer Hi-Bred	Y (3)		Stallion	Y (3)	
	International, Inc.			Success	Y (3)	
RAM	Agripro Seeds, Inc.	Y (3)		Sunstar II	Y (3)	
Rawhide	Board of Regents,	Y (3)		Sunstar Promise	Y (2)	
	University of Nebraska			Symphony	Y (3)	
	and USDA-ARS					
Redland	Board of Regents,	Y (3)		Syringa	Y (3)	
	University of Nebraska			TAM 107		
RHS 8232	Northrup King Company					
Rio Blanco	Agripro Seeds, Inc.	Y (3)		TAM 108	Y	
Ritmo	Cebeco Zaden B.V.	Y (3)				
Rodeo	HybriTech Seed	Y (3)		TAM 109		
	International, Inc.			TAM 202	Y	
Rowdy	AgriPro Seeds, Inc.	Y (3)		TAM 300		
Roy	North Carolina	Y (3)				
	Agricultural Research			Tammy	Y	
	Service			Telemark		
RSI 5	Resource Seeds, Inc.	Y (3)		Terral 1011		Y
Russ	South Dakota Agricultural	Y (3)				
	Experiment Station			Terral 8777		
S78	Pioneer Hi-Bred					
	International, Inc.			Thunderbird		
Salmon	Plant Breeders 1, Inc.	Y (3)		Tomahawk	Y (3)	
Saluda	Virginia Agricultural	Y (*)		Trailblazer	Y (3)	
	Experiment Station			Traveler	Y (3)	
Sandy	Colorado State University	Y (3)		Tut	Y (3)	
Savannah	Agripro Seeds, Inc.	Y (3)		Twain		
Sawyer	Agripro Seeds, Inc.	Y (3)		Vance		
Scotty	Illinois Agricultural					
	Experiment Station and			Vandal		
	USDA-ARS					
Shiloh	Agripro Seeds, Inc.	Y (3)	Y			
Sierra	Agripro Seeds, Inc.	Y (3)				
	Minnesota Agricultural					
	Experiment Station					
	Idaho Agricultural					
	Experiment Station					

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
WHEAT, COMMON				WHEAT, DURUM			
Vanna	Western Plant Breeders, Inc.		Y	D-5003	Germain's Seeds, Inc.	Y (3)	
Verde	Minnesota Agricultural Experiment Station	Y (3)	Y	Diavolo Duro	World Wide Wheat L.L.C.	Y (3)	
Verne	Kentucky Agricultural Experiment Station	Y (2)		Duraking	World Wide Wheat L.L.C.	Y (3)	
Victory	Agripro Seeds, Inc.	Y (3)		Durex	World Wide Wheat L.L.C.	Y (3)	
Vista	Board of Regents, University of Nebraska and USDA-ARS	Y (3)		Durostar	World Wide Wheat L.L.C.	Y (3)	
Voyager	Goertzen Seed Research	Y (3)		Fjord	Agripro Seeds, Inc.	Y (3)	
W2501	Agripro Seeds, Inc.	Y (3)		Imperial	Western Plant Breeders, Inc.	Y (*)	
W2502	Agripro Seeds, Inc.	Y (3)		Kofa	Western Plant Breeders, Inc.	Y	Y
W88-039	Agripro Seeds, Inc.	Y (3)		Kronos	Arizona Plant Breeders, Inc.	Y (3)	Y
Waco	Agripro Seeds, Inc.	Y (3)	Y	Munich	NDSU Research Foundation	Y (3)	Y
Wakefield	Virginia Agricultural Experiment Station	Y (2)		Reva	World Wide Wheat L.L.C.	Y (3)	
Walera	HybriTech Seed	Y (3)		Stockholm	Agripro Seeds, Inc.	Y (3)	
WestBred 906R	International, Inc.	Y (3)		Voss	Agripro Seeds, Inc.	Y (3)	
WestBred 911	Western Plant Breeders, Inc.	Y (*)		WestBred 803	Western Plant Breeders, Inc.	Y (*)	
WestBred 936	Western Plant Breeders, Inc.	Y (3)		WestBred 881	Western Plant Breeders, Inc.	Y (*)	
WestBred Challenger	Western Plant Breeders, Inc.	Y (*)	Y	WestBred 883	Western Plant Breeders, Inc.	Y (*)	
WI88-052-13	Agripro Seeds, Inc.	Y (3)		WestBred Laker	Western Plant Breeders, Inc.	Y (*)	
Winmaster	Abilene Ag Service Inc.	Y (3)	Y	WestBred Turbo	Western Plant Breeders, Inc.	Y (*)	
WinTex	Bredemeyer Bros.	Y (3)		WHEAT, POLISH			
Wrangler	Agripro Seeds, Inc.	Y (3)		QK-77	T. M. Quinn	Y (3)	Y
Yuma	Colorado State University	Y (3)		WHEAT, POULARD	Dr. C.F. Konzak	Y (3)	
WHEAT, DURUM				Memdu	The Ohio State University Research Foundation	Y (2)	
Aldura	Northrup King Company	Y (3)		WHEAT, SPELT			
Aruba	Western Plant Breeders, Inc.	Y (3)	Y	GR 900	USDA-ARS, Utah	Y (2)	
Ben	NDSU Research Foundation	Y (3)	Y	WHEATGRASS	Agricultural Experiment Station, USDA-SCS		
Bravadur	World Wide Wheat L.L.C.	Y (3)		NewHy	W. Atlee Burpee Company		
Cortez	Western Plant Breeders, Inc.	Y (3)	Y	ZINNIA			
			Y	Pinwheel Rose			

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PLANT VARIETY PROTECTION CERTIFICATES
(Through April 13, 1998)

KIND	VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND	VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
ZINNIA	Red Lollipop								
		W. Atlee Burpee Company							

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